PRELIMINARY REPORT OF 061018

last update on Wed Oct 18 16:44:10 GMT 2006

1 - Introduction

This report is based on the analysis of wave mode level-1 cross spectra (ASA_WVS_1P), global monitoring products (ASA_GM1_1P), which are the available few hours after the acquisition, on the browse (BP) products and
on the Module Stepping (MS) product.

2 - Summary

2.1 - Instrument Unavailability

No unavailabilities during the reported period.

2.2 - Auxiliary files

Summary of the auxiliary files used from 2006-10-17 00:00:00 to 2006-10-18 16:44:10

PDHS-K					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**

ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	34	72	8	8	0
ASA_XCA_AXVIEC20060717_154125_20050916_195733_20061231_000000	34	72	8	8	0
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	34	72	8	8	0
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	34	72	8	8	0

PDHS-E					
AUXILIARY FILE	**WVS**	**GM1**	**IMM**	**APM**	**WSM**
ASA_CON_AXVIEC20051013_151540_20050916_195733_20061231_000000	16	20	5	1	8
ASA_XCA_AXVIEC20060717_154125_20050916_195733_20061231_000000	16	20	5	1	8
ASA_INS_AXVIEC20051219_161945_20030211_000000_20061231_000000	16	20	5	1	8
ASA_XCH_AXVIEC20051219_162547_20020301_000000_20081231_000000	16	20	5	1	8

2.3 - Browse Visual Inspection

No anomalies observed on available browse products

2.4 - Data Analysis

-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

3 - Module Stepping Mode

No anomalies observed on available MS products:

Polarisation	Start Time
V	20061017 085033
H	20061018 081856

MSM in V/V polarisation

Pre-launch Reference	DDS-B (2003-06-12) reference
☒	☒
☒	☒
☒	☒
☒	☒

MSM in H/H polarisation

Pre-launch Reference	DDS-B (2003-06-12) reference

4 - Internal calibration Results

No anomalies observed.

4.1 - Daily statistics

4.1.1 - Evolution for WVS

Evolution of cal pulses for WVS

4.1.2 - Evolution for GM1

Evolution of cal pulses for GM1

4.2 - Cyclic statistics

4.2.1 - Evolution for WVS

Evolution of cal pulses for WVS

P1a Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)

P1 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P1	-3.950759	0.010209	-0.007457
7	P1	-3.076953	0.010423	-0.001968
11	P1	-4.086120	0.022439	-0.017705
15	P1	-6.205069	0.015628	-0.024595
19	P1	-3.553137	0.007992	-0.040455
22	P1	-4.603824	0.010605	0.010411
26	P1	-3.988204	0.056749	-0.034899
30	P1	-5.843666	0.088240	-0.046043
3	P1	-16.635757	0.217765	-0.092548
7	P1	-17.111294	0.104196	0.033477
11	P1	-16.947227	0.384559	-0.304997
15	P1	-12.850653	0.098094	0.060709
19	P1	-14.671314	0.053330	-0.053477
22	P1	-15.620181	0.471319	0.359057
26	P1	-15.143935	0.249860	0.211247
30	P1	-16.963251	0.440723	0.082737

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-20.822021	0.086688	-0.007244
7	P2	-21.786238	0.097334	0.089658
11	P2	-15.734672	0.109263	0.026360
15	P2	-7.077446	0.106942	0.067605
19	P2	-9.127467	0.098075	0.036275
22	P2	-18.138905	0.093373	0.013832
26	P2	-16.426666	0.101670	0.040774
30	P2	-19.469692	0.093139	0.026095

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.199180	0.006439	-0.004035
7	P3	-8.199180	0.006439	-0.004035
11	P3	-8.199180	0.006439	-0.004035
15	P3	-8.199180	0.006439	-0.004035
19	P3	-8.199180	0.006439	-0.004035
22	P3	-8.199180	0.006439	-0.004035
26	P3	-8.198991	0.006447	-0.003623
30	P3	-8.198991	0.006447	-0.003623

4.2.2 - Evolution for GM1

Evolution of cal pulses for GM1
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P1a Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)

P1 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P1	-3.904376	0.139300	-0.126652
7	P1	-2.620490	0.843968	-0.299380
11	P1	-2.920472	0.109612	-0.103308
15	P1	-3.706367	0.103692	-0.132859
19	P1	-3.465376	0.033835	-0.004473
22	P1	-5.085179	0.035400	0.059560
26	P1	-5.916039	0.156666	-0.053493
30	P1	-5.237057	0.160065	-0.039049
3	P1	-11.729300	0.360893	-0.257826
7	P1	-10.137509	1.097983	-0.424024
11	P1	-10.445741	0.322652	-0.272617
15	P1	-10.944394	0.446924	-0.348413
19	P1	-15.557764	0.299357	0.067358
22	P1	-20.963228	1.393708	0.064047

26	P1	-15.815747	0.441331	0.323300
30	P1	-18.081377	0.511489	0.043794

P2 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P2	-16.344791	0.210913	0.192522
7	P2	-22.009350	1.186592	0.559108
11	P2	-10.845726	0.186014	0.206947
15	P2	-4.860333	0.035200	0.036688
19	P2	-6.839730	0.058106	0.056920
22	P2	-8.201756	0.371195	-0.118128
26	P2	-24.113508	0.874430	0.322906
30	P2	-21.893709	0.450791	0.282247

P3 Cyclic statistics

row	pulse	mean (dB)	stdev (dB)	slope(dB/cycle)
3	P3	-8.047873	0.003192	0.002933
7	P3	-8.047801	0.003184	0.002878
11	P3	-8.047764	0.003182	0.003458
15	P3	-8.047914	0.003190	0.002835
19	P3	-8.047890	0.003180	0.002990
22	P3	-8.047810	0.003183	0.003412
26	P3	-8.047610	0.003176	0.004250
30	P3	-8.047541	0.003173	0.003965

4.3 - cal pulses monitoring (all rows)

4.3.1 - Evolution for WVS

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4.3.2 - Evolution for GM1

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5 - RAW data statistics

No anomalies observed.

5.1 - Input mean I/Q

channel	stat	DSS-B
MEAN I	mean	0.000567701
	stdev	1.62460e-07
MEAN Q	mean	0.000525795
	stdev	2.13782e-07

5.2 - Input stdev I/Q

channel	stat	DSS-B
STDEV I	mean	0.138861
	stdev	0.00112819
STDEV Q	mean	0.139235
	stdev	0.00114668

5.3 - Gain imbalance I/Q

6 - Telemetry analysis

Summary of analysis for the last 3 days 2006101[678]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems

Filename	num_gaps	num_missing_lines
ASA_IMM_1PNPDE20061016_002901_000000512052_00088_24190_7082.N1	1	0
ASA_GM1_1PNPDK20061016_101226_000002832052_00094_24196_6655.N1	0	15
ASA_GM1_1PNPDK20061016_101852_000003802052_00094_24196_6652.N1	0	6

7 - Doppler Analysis

Preliminary report.The data is not yet controled

7.1 - Unbiased Doppler Error for WVS

Evolution of unbiased Doppler error (Real - Expected)

Acsending

Descending

7.2 - Absolute Doppler for WVS

Evolution of Absolute Doppler

Acsending

Descending

7.3 - Doppler evolution versus ANX for WVS

Evolution Doppler error versus ANX


7.4 - Unbiased Doppler Error for GM1

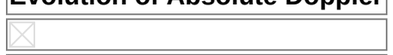
Evolution of unbiased Doppler error (Real - Expected)

Acsending

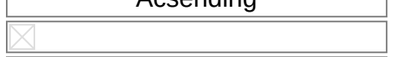
Descending

7.5 - Absolute Doppler for GM1

Evolution of Absolute Doppler



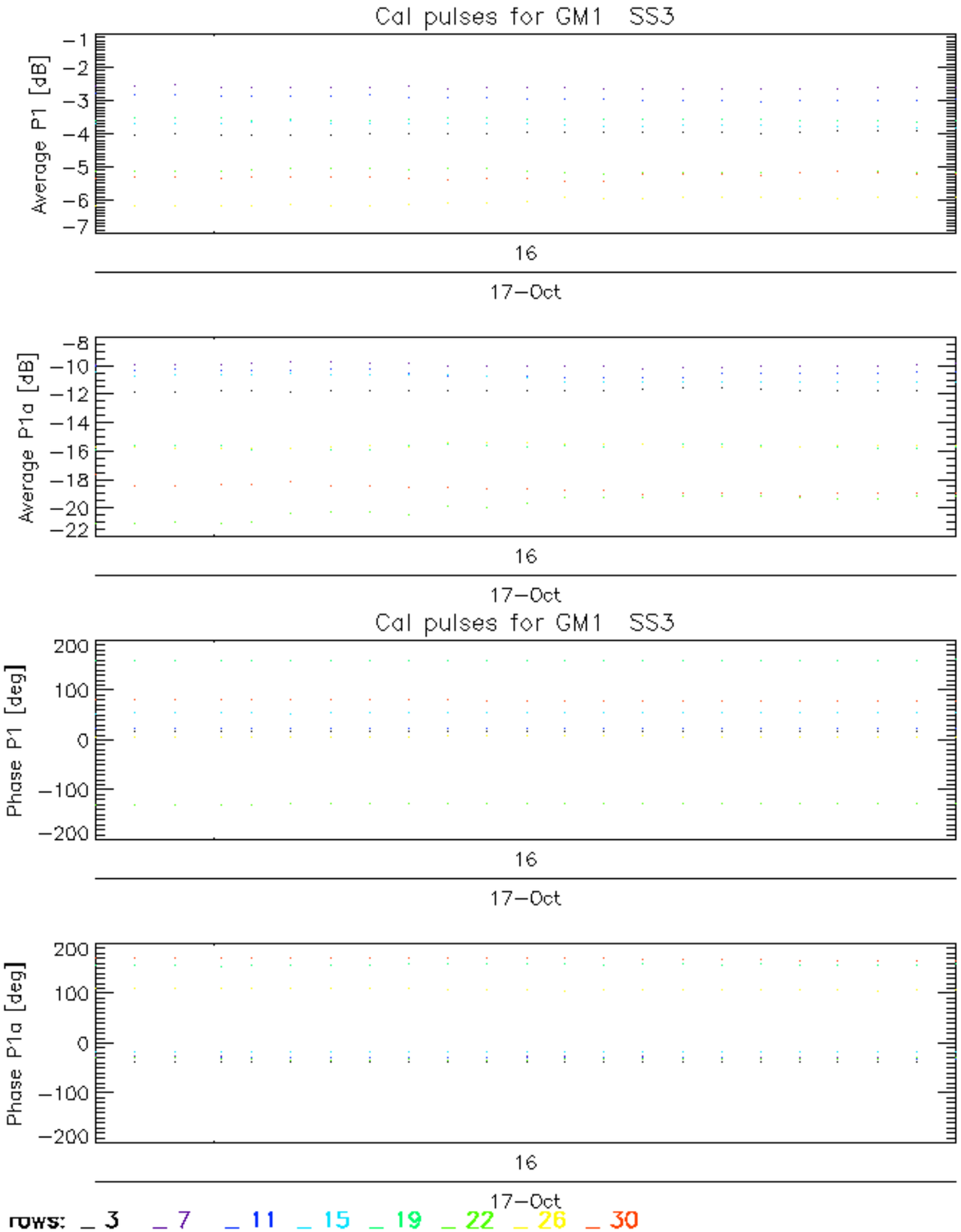
Acsending

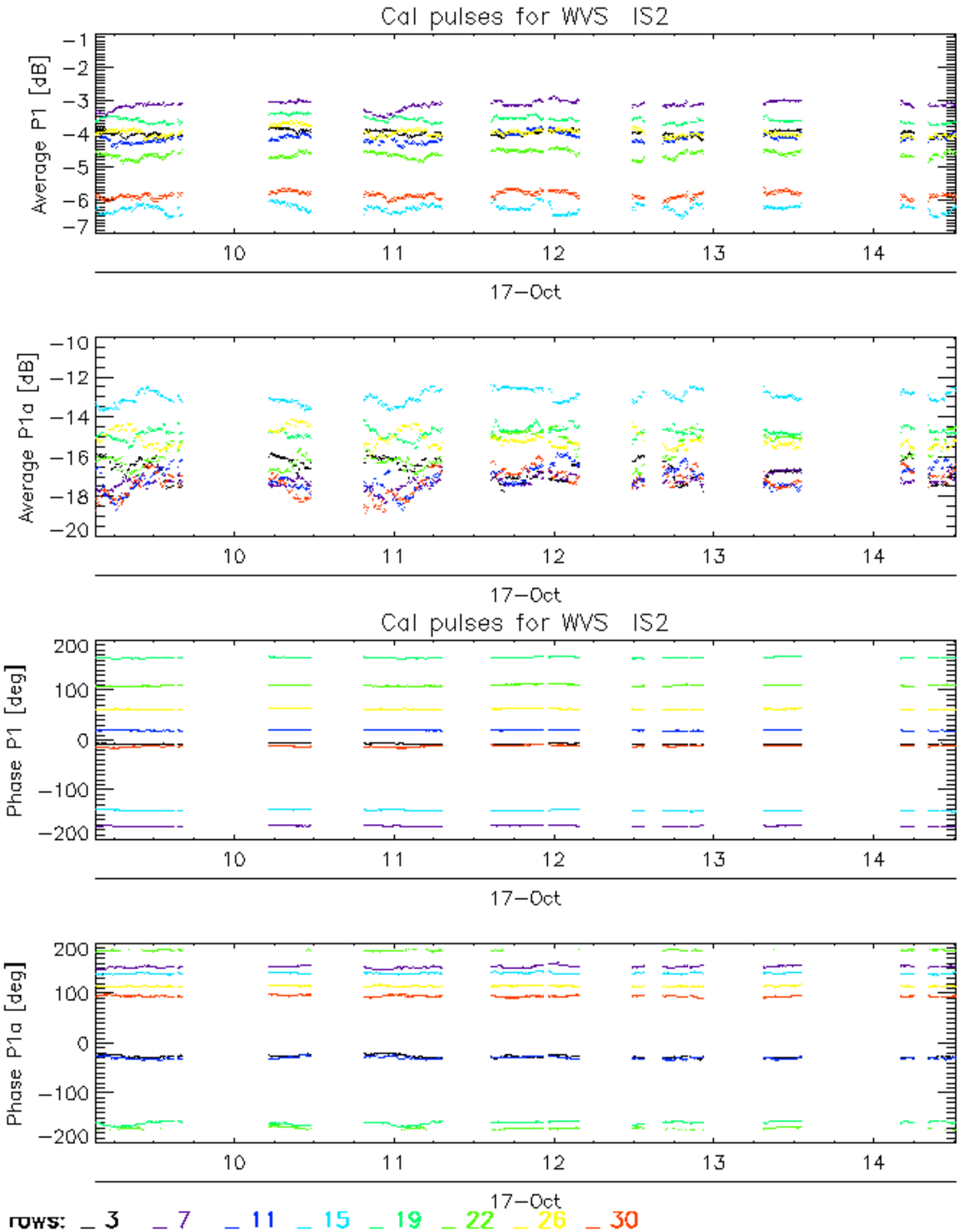


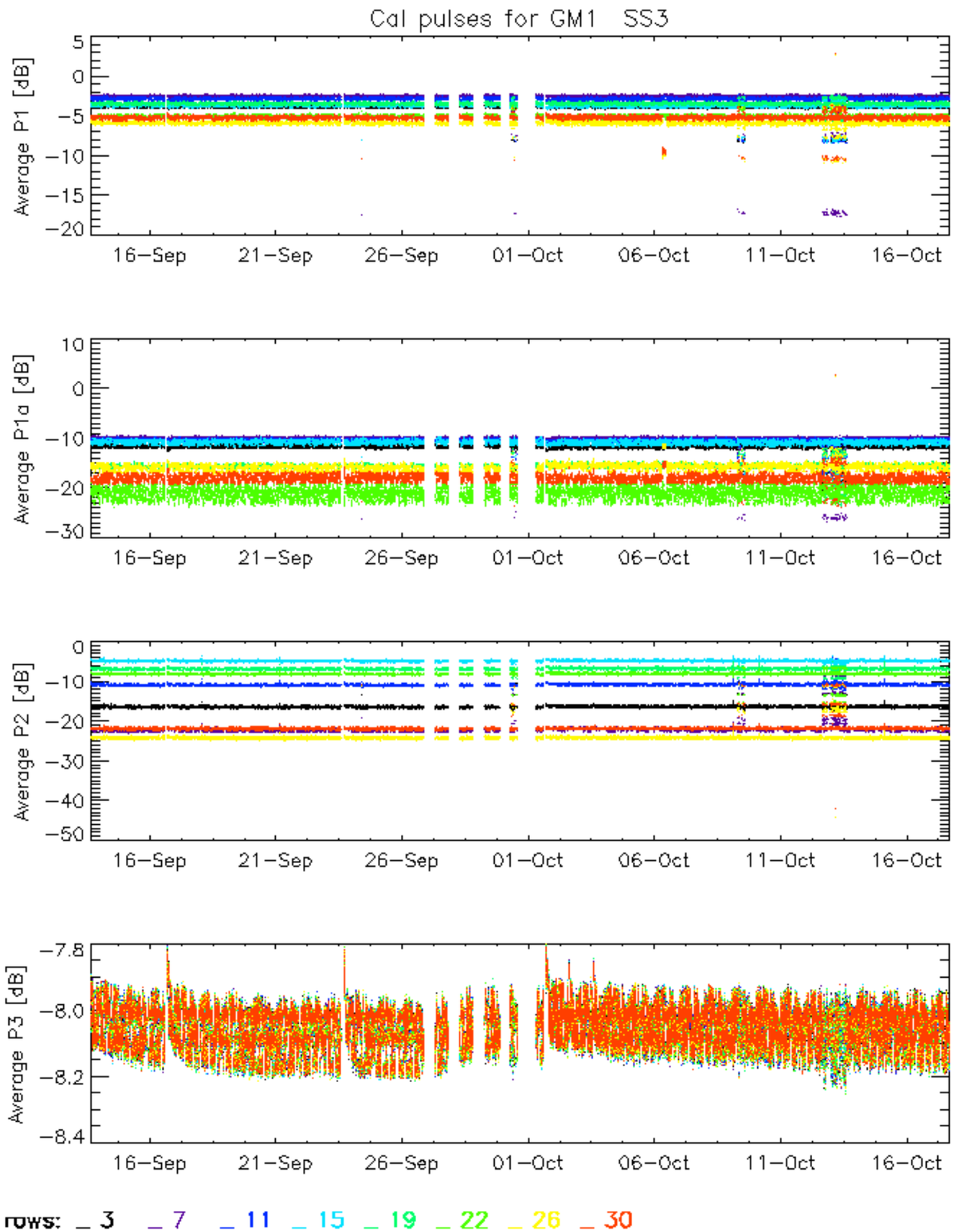
Descending

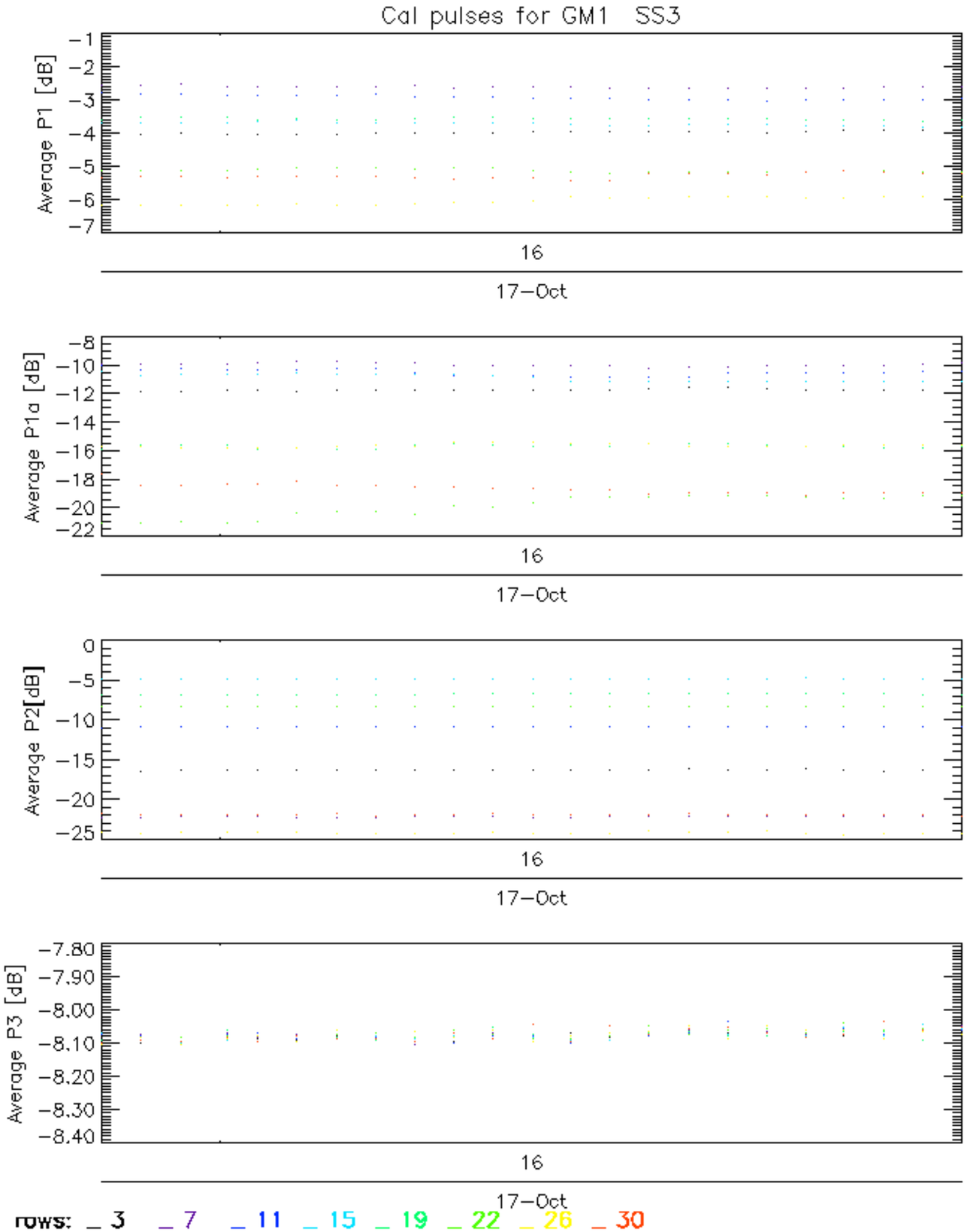
7.6 - Doppler evolution versus ANX for GM1

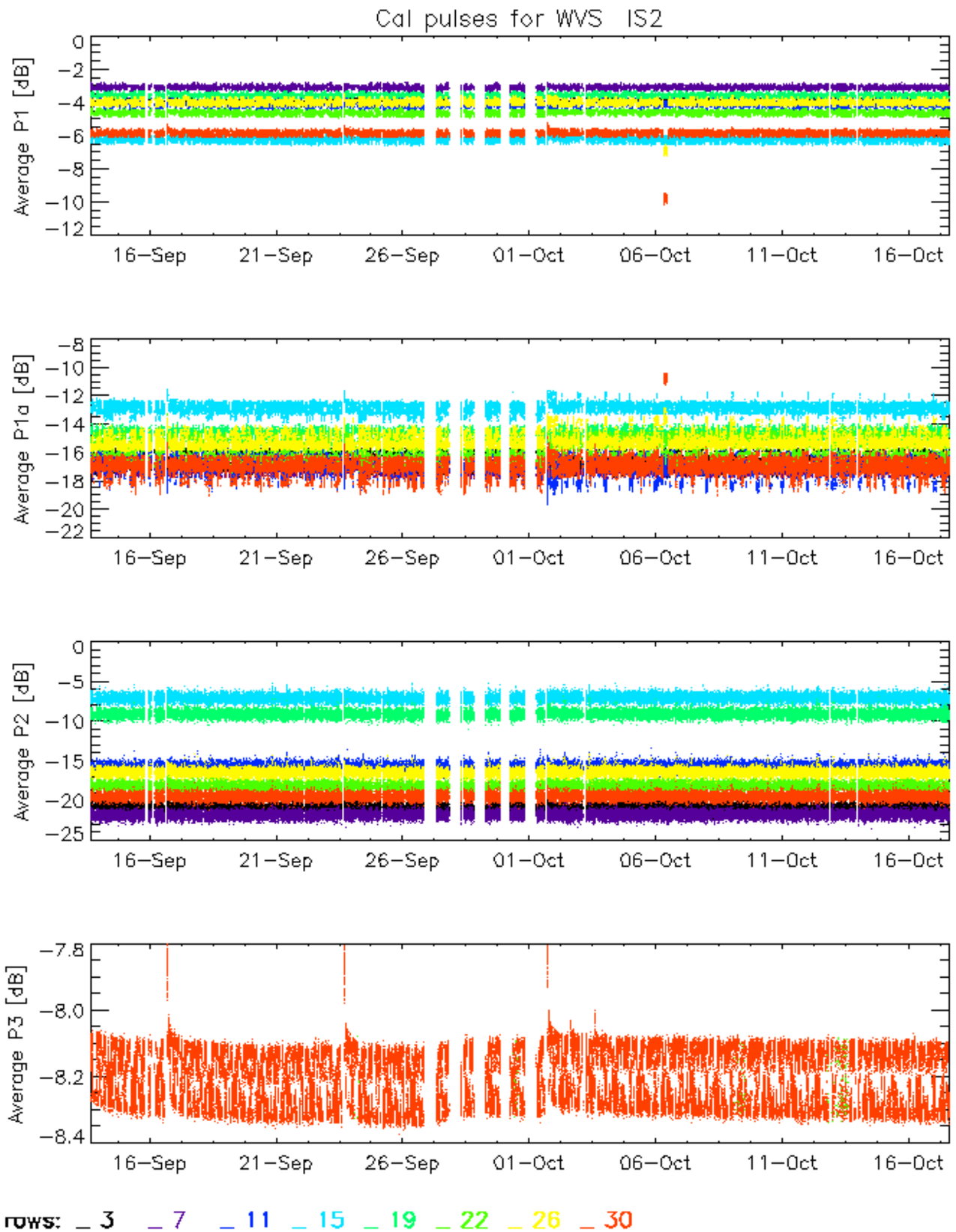
Evolution Doppler error versus ANX

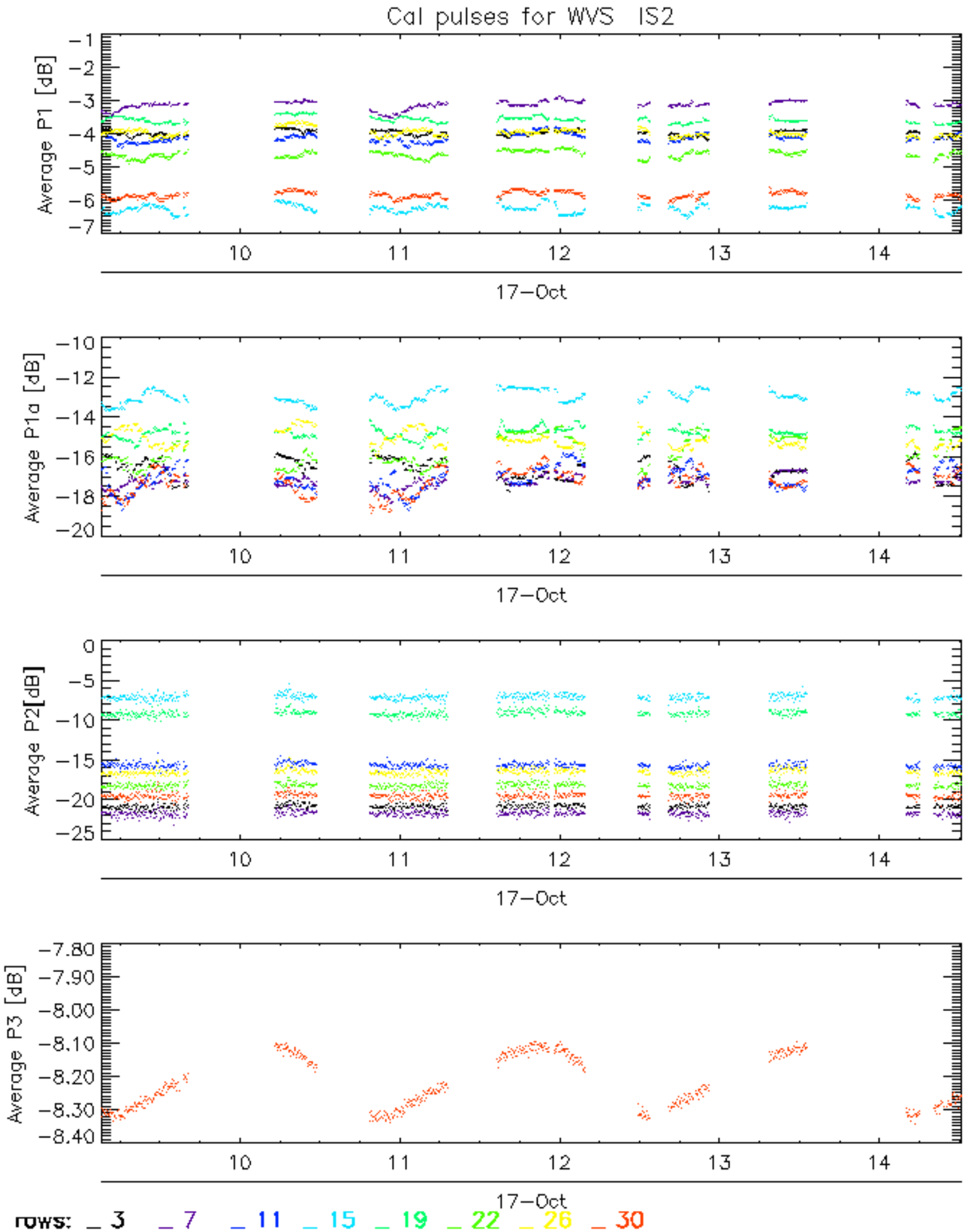

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
16
17−Oct
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
−22
16
17−Oct
Cal pulses for GM1 SS3
Phase P1 [deg]
200
100
0
−100
−200
16
17−Oct
Phase P1a [deg]
200
100
0
−100
−200
16
17−Oct
rows: 3 7 11 15 19 22 26 30


Cal pulses for WVS IS2
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
10
11
12
13
14
17−Oct
Average P1a [dB]
−10
−12
−14
−16
−18
−20
10
11
12
13
14
17−Oct
Cal pulses for WVS IS2
Phase P1 [deg]
200
100
0
−100
−200
10
11
12
13
14
17−Oct
Phase P1a [deg]
200
100
0
−100
−200
10
11
12
13
14
17−Oct
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30


Cal pulses for GM1 SS3
Average P1 [dB]
5
0
−5
−10
−15
−20
16−Sep
21−Sep
26−Sep
01−Oct
06−Oct
11−Oct
16−Oct
Average P1a [dB]
10
0
−10
−20
−30
Average P2 [dB]
−10
−20
−30
−40
−50
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

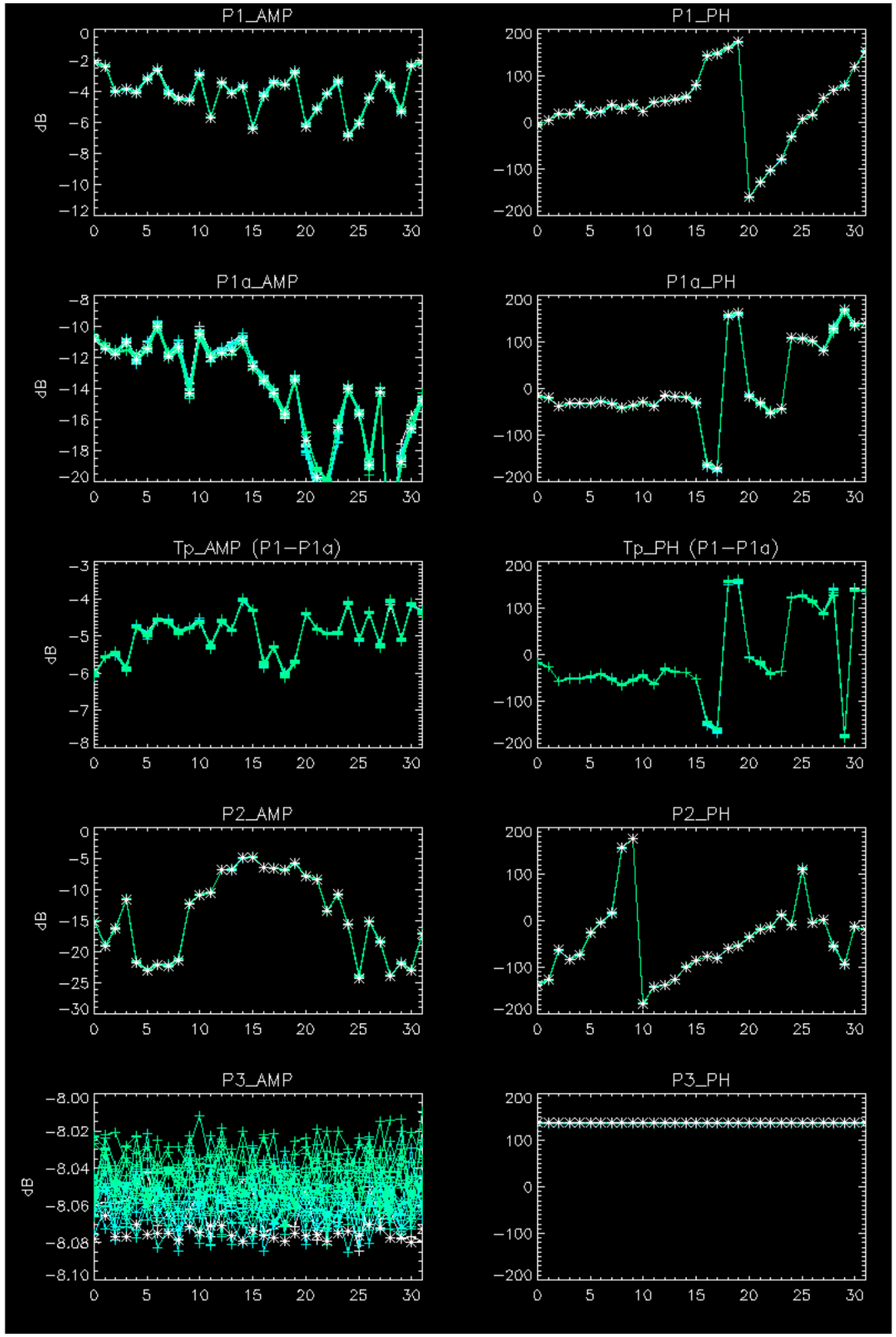

Cal pulses for GM1 SS3
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
16
17−Oct
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
−22
16
17−Oct
Average P2[dB]
0
−5
−10
−15
−20
−25
16
17−Oct
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
16
17−Oct
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

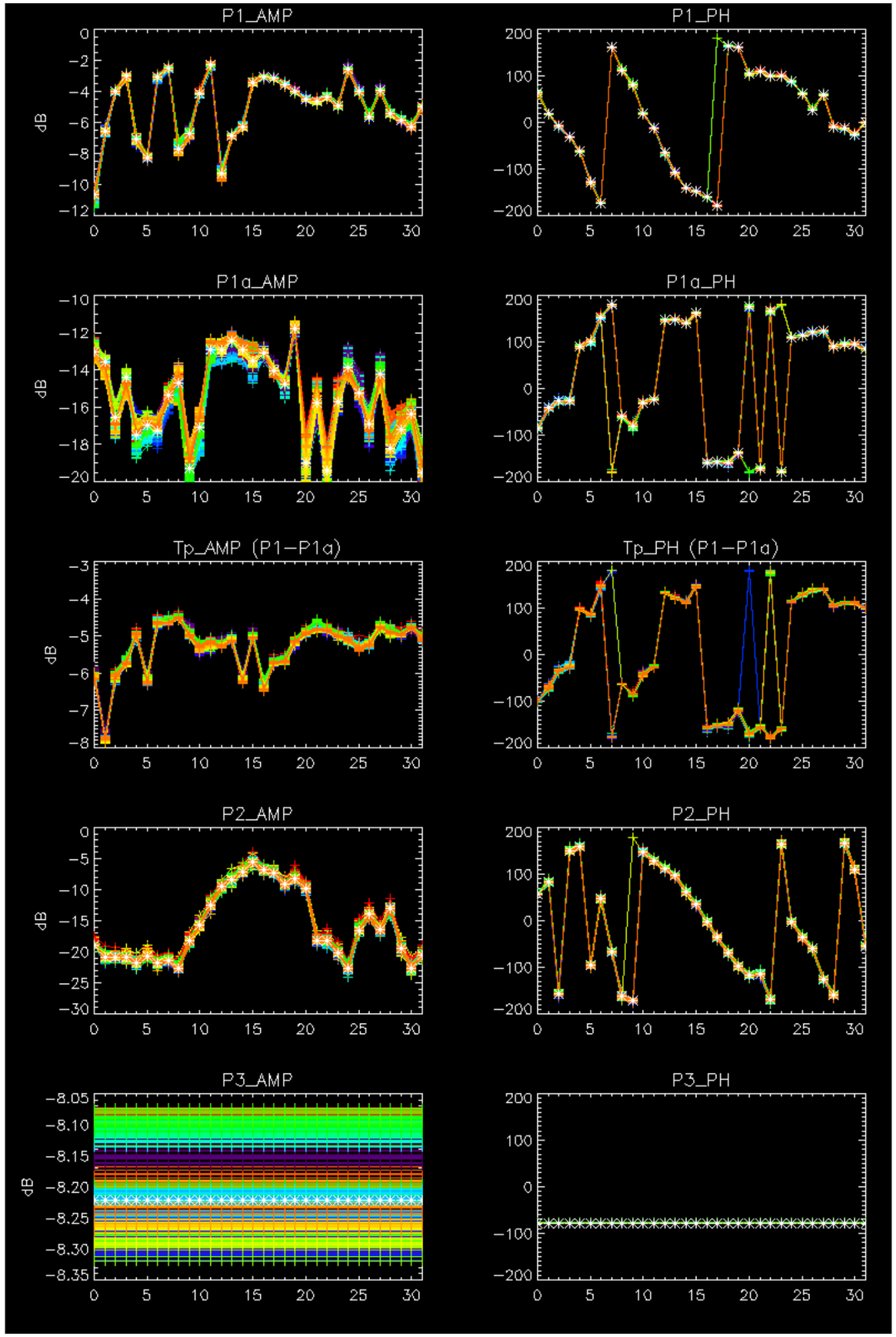

Cal pulses for WVS IS2
Average P1 [dB]
0
−2
−4
−6
−8
−10
−12
16−Sep
21−Sep
26−Sep
01−Oct
06−Oct
11−Oct
16−Oct
Average P1a [dB]
−8
−10
−12
−14
−16
−18
−20
−22
Average P2 [dB]
0
−5
−10
−15
−20
−25
Average P3 [dB]
−7.8
−8.0
−8.2
−8.4
rows: 3 7 11 15 19 22 26 30


Cal pulses for WVS IS2
Average P1 [dB]
−1
−2
−3
−4
−5
−6
−7
10
11
12
13
14
17−Oct
Average P1a [dB]
−10
−12
−14
−16
−18
−20
10
11
12
13
14
17−Oct
Average P2[dB]
0
−5
−10
−15
−20
−25
10
11
12
13
14
17−Oct
Average P3 [dB]
−7.80
−7.90
−8.00
−8.10
−8.20
−8.30
−8.40
10
11
12
13
14
17−Oct
rows: _ 3 _ 7 _ 11 _ 15 _ 19 _ 22 _ 26 _ 30

No anomalies observed on available browse products

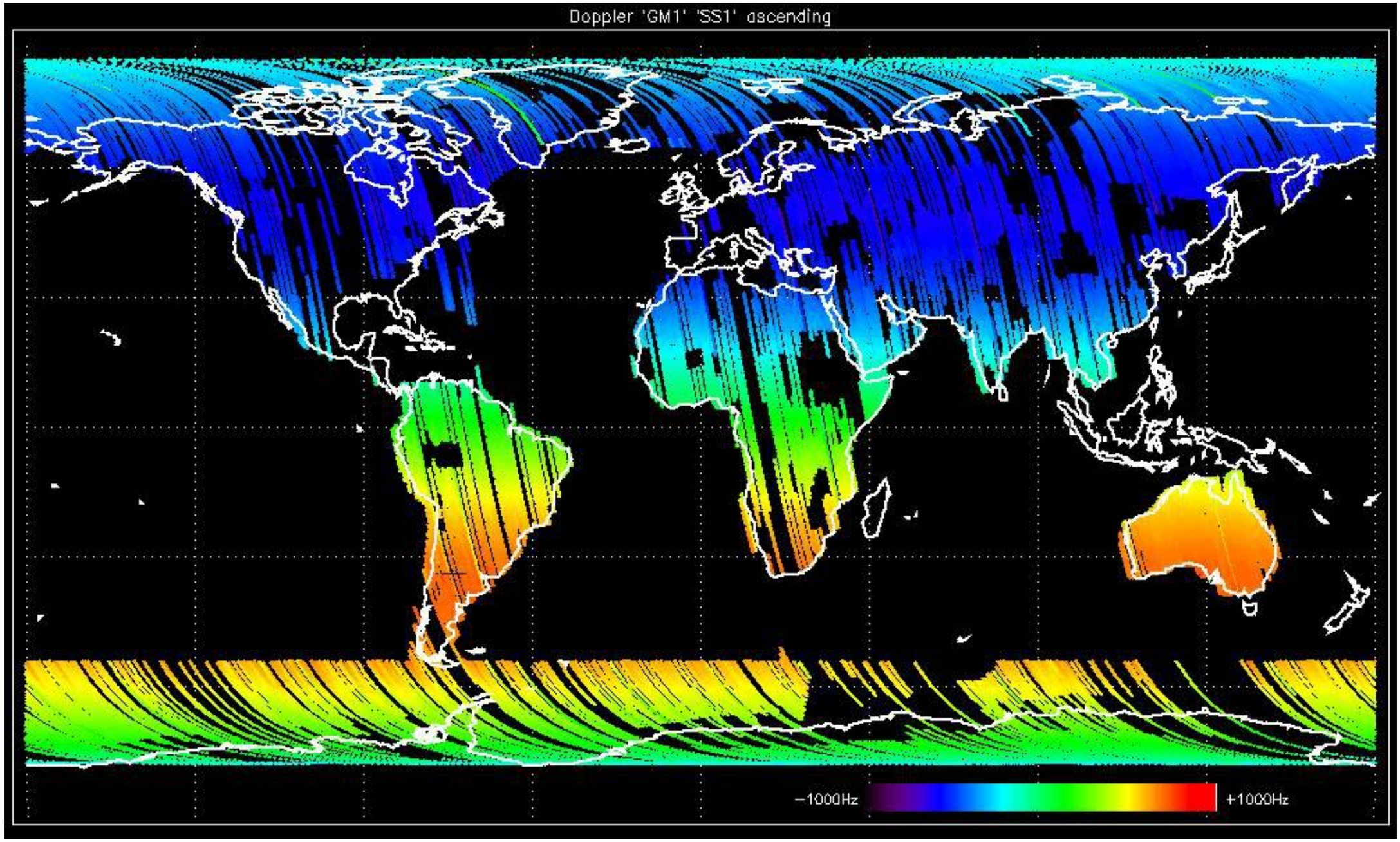
No anomalies observed.

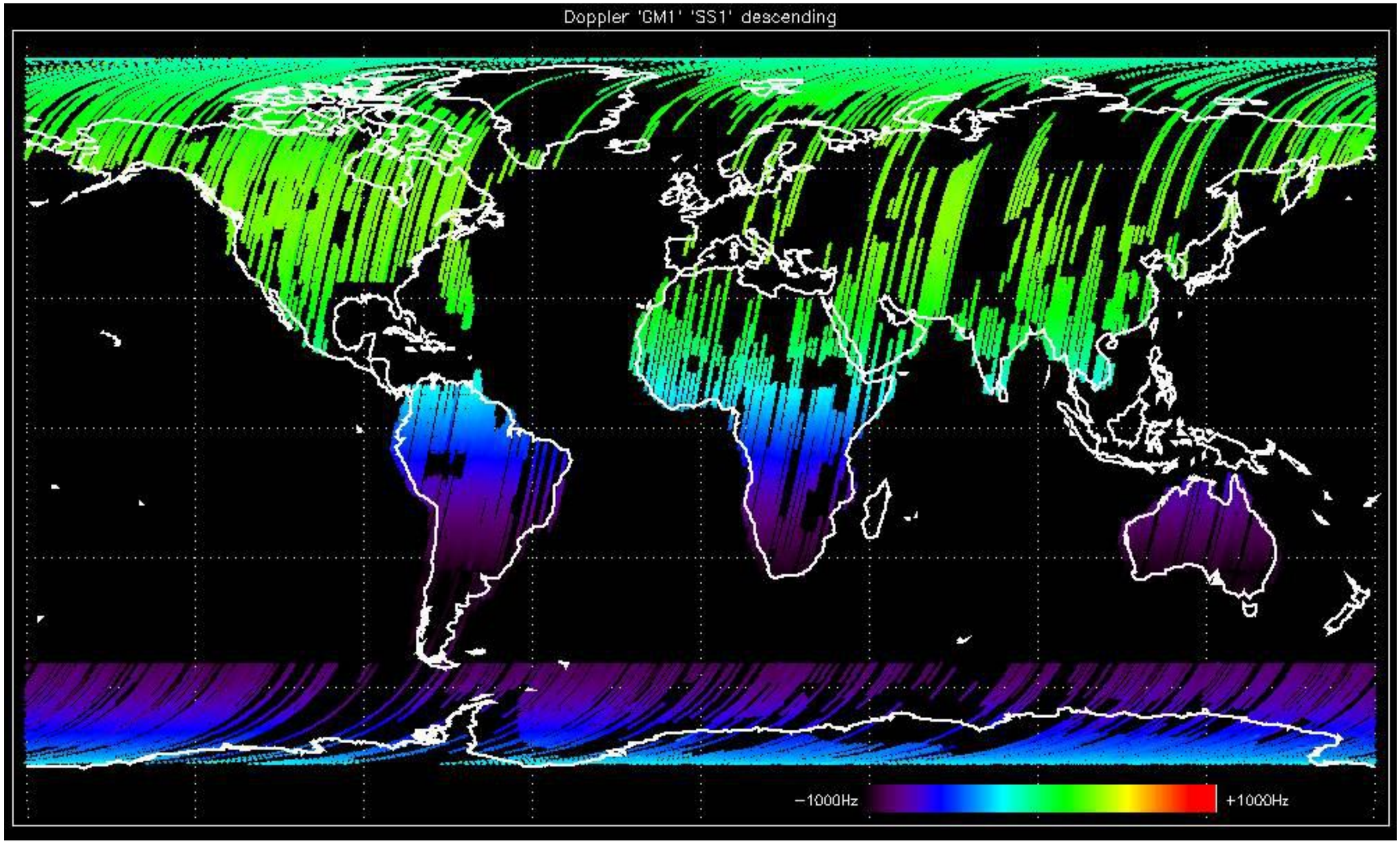

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

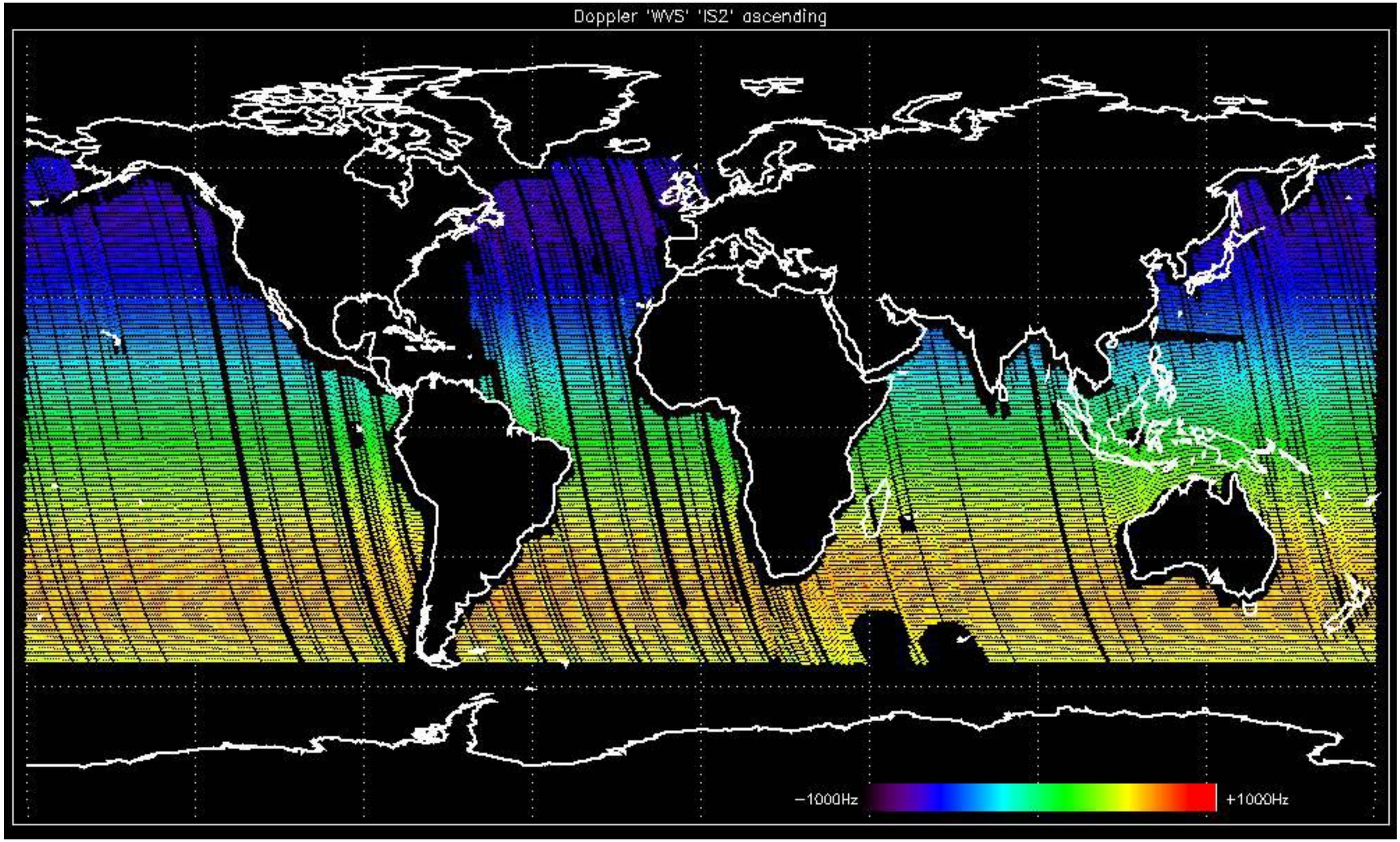

P1_AMP
dB
P1_PH
P1a_AMP
dB
P1a_PH
Tp_AMP (P1−P1a)
dB
Tp_PH (P1−P1a)
P2_AMP
dB
P2_PH
P3_AMP
dB
P3_PH

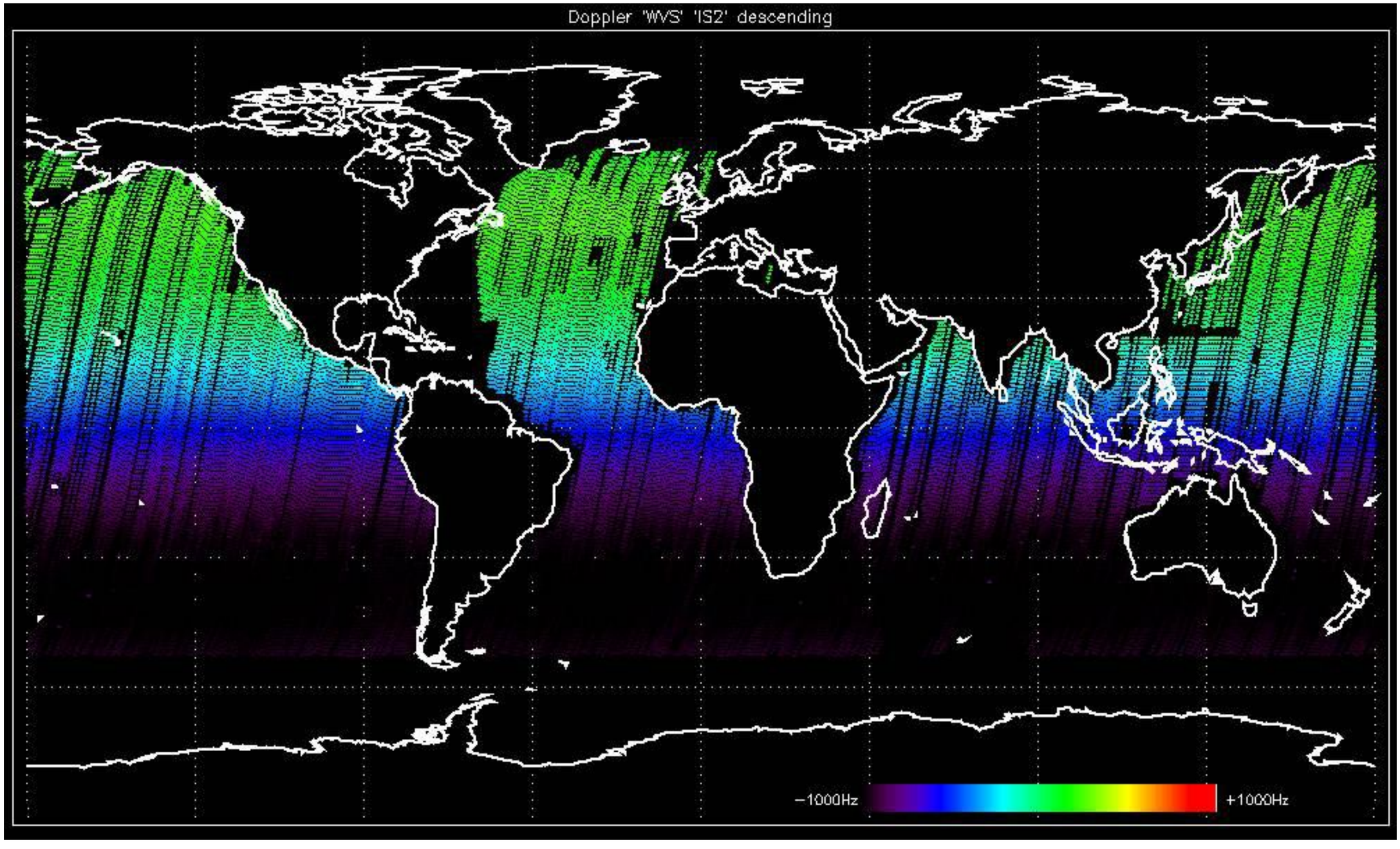
-Stable wave internal calibration pulses gain and phase.
-Stable raw data statistics.
-Nominal Doppler behavior.

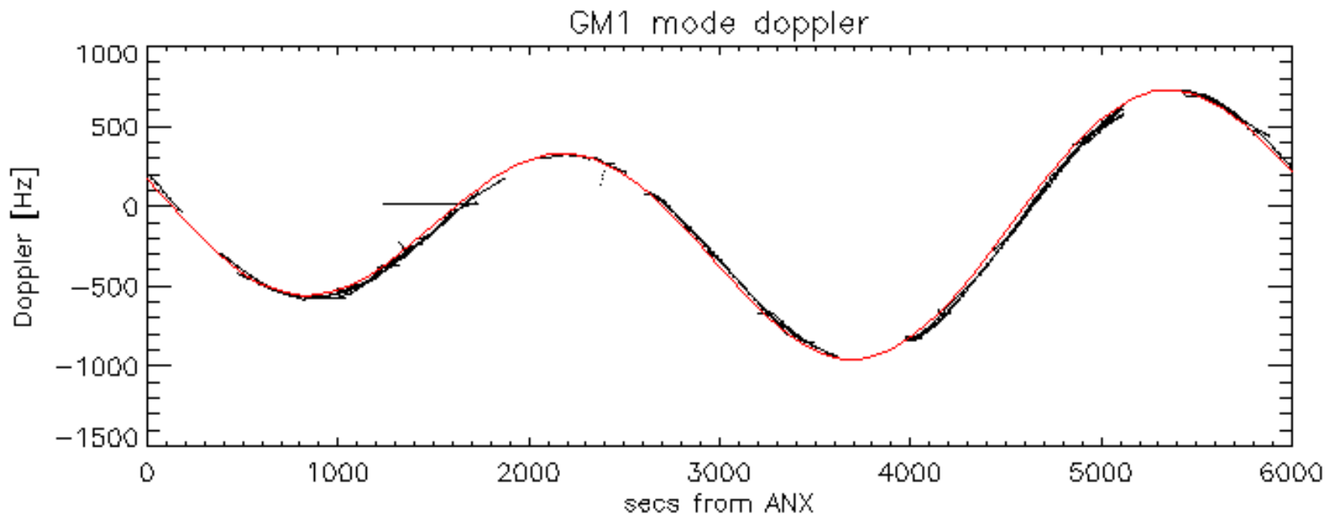
Preliminary report.The data is not yet controled

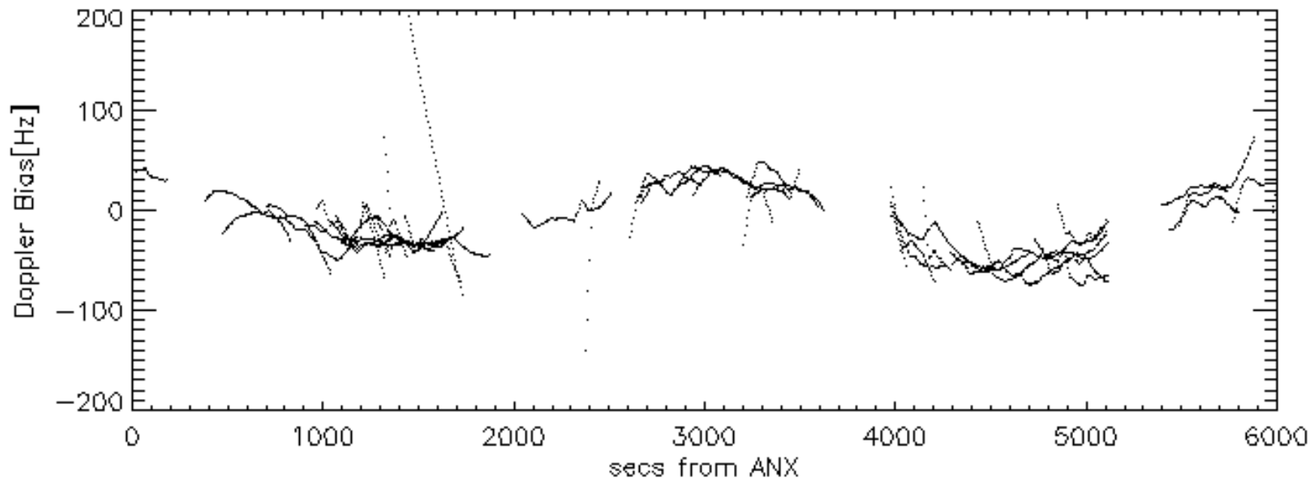

Doppler 'GM1' 'SS1' ascending
−1000Hz
+1000Hz

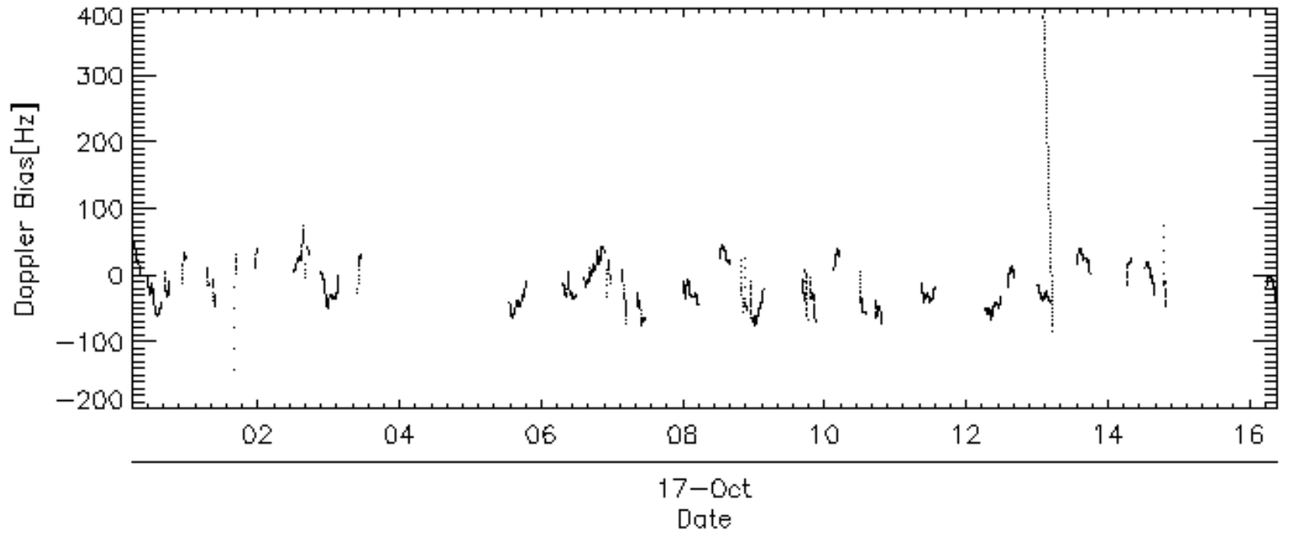

Doppler 'GM1' 'SS1' descending
−1000Hz
+1000Hz

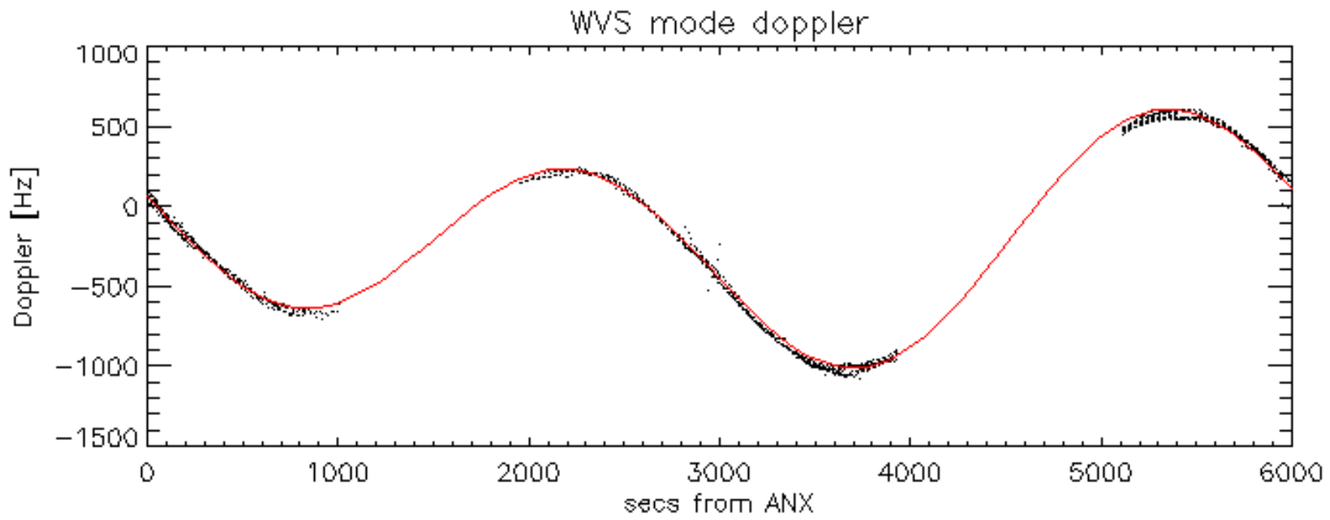

Doppler 'WVS' 'IS2' ascending
−1000Hz
+1000Hz

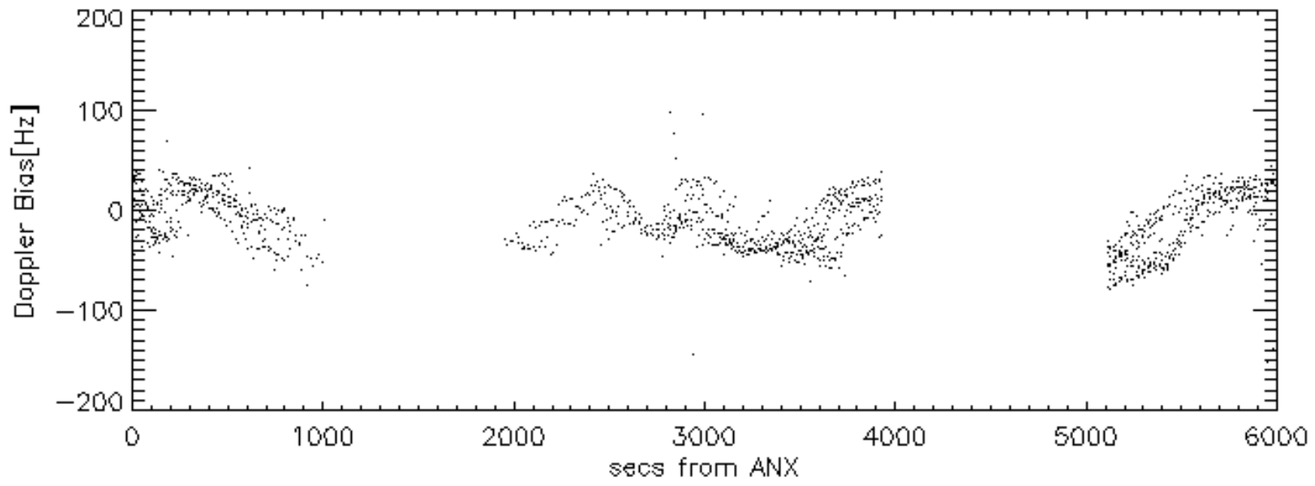

Doppler 'WVS' 'IS2' descending
−1000Hz
+1000Hz

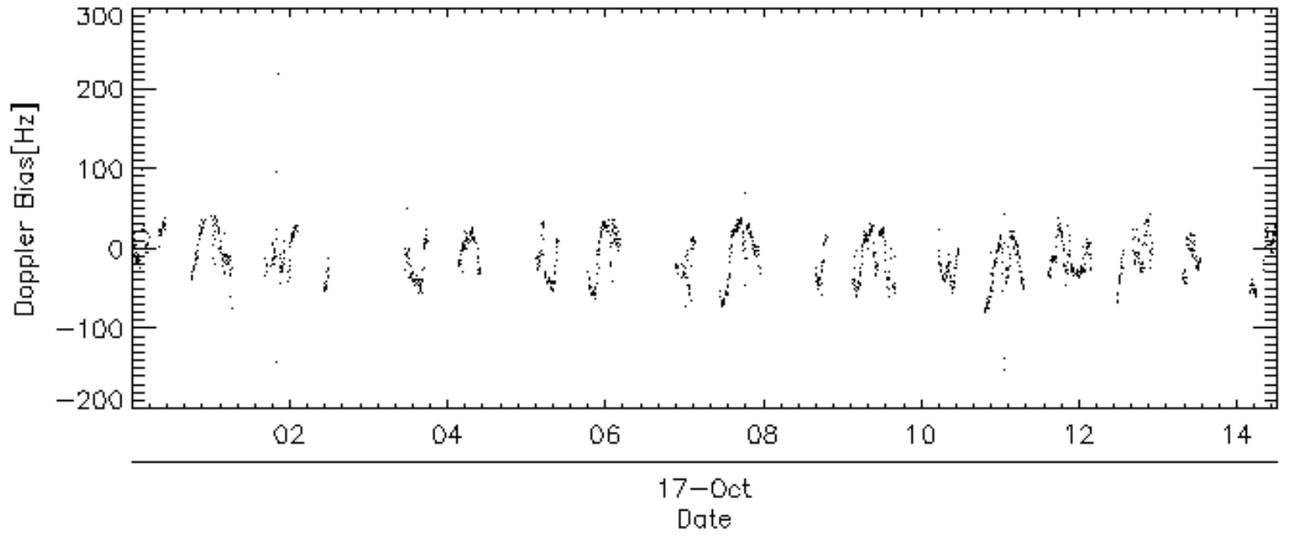

GM1 mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

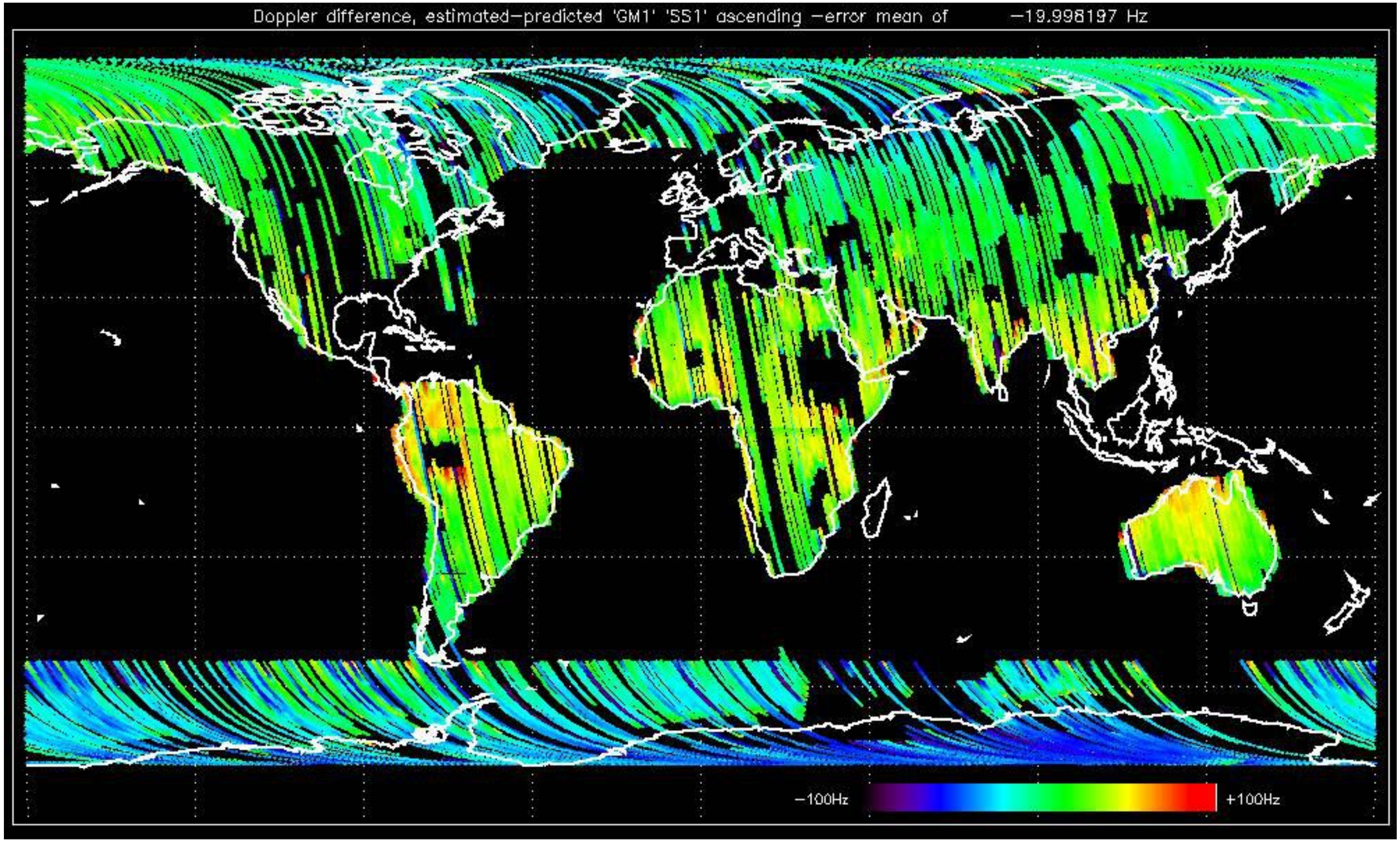

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX

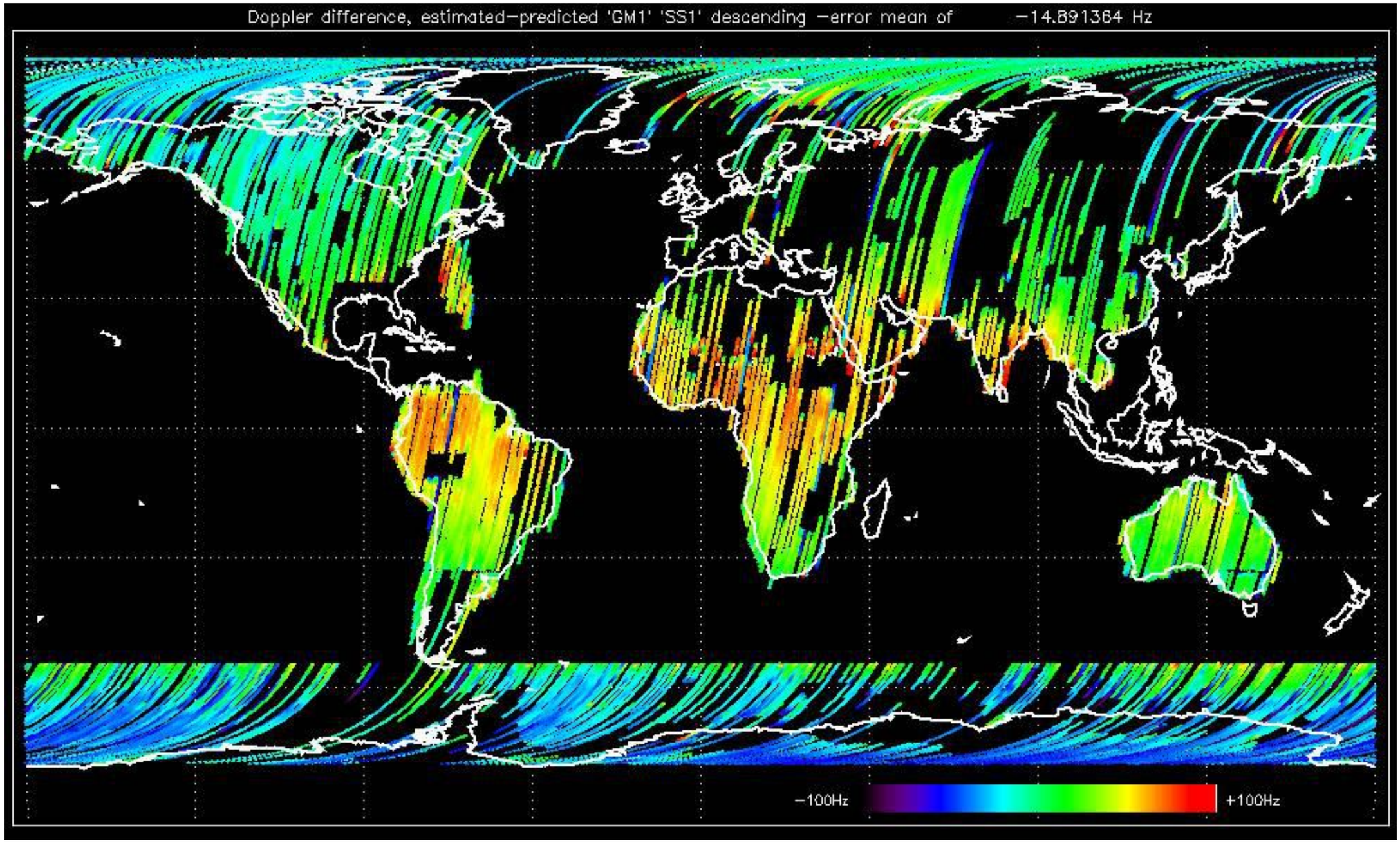

Doppler Bias[Hz]
400
300
200
100
0
−100
−200
02
04
06
08
10
12
14
16
17−Oct
Date

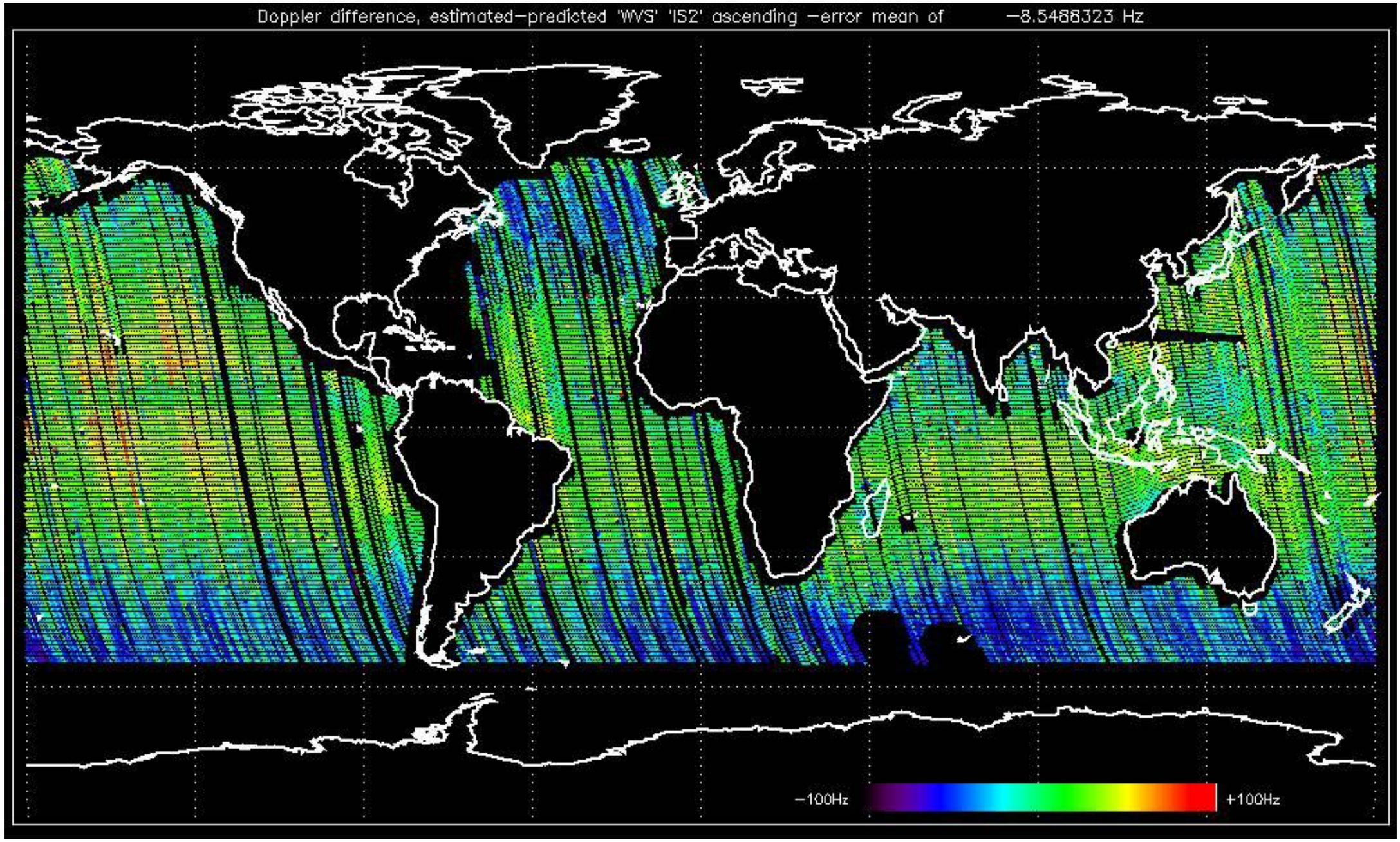

WVS mode doppler
Doppler [Hz]
1000
500
0
−500
−1000
−1500
0
1000
2000
3000
4000
5000
6000
secs from ANX

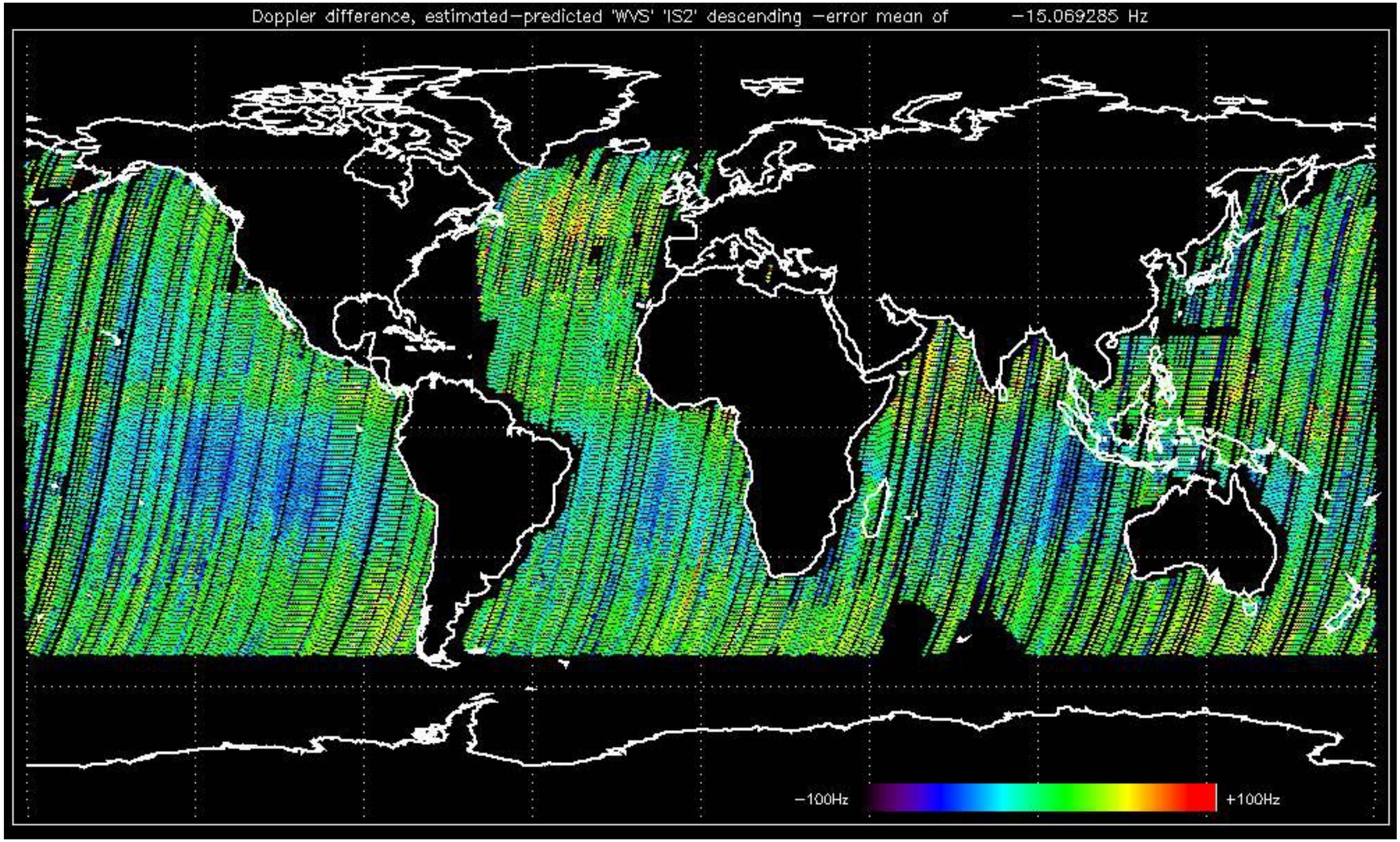

Doppler Bias[Hz]
200
100
0
−100
−200
0
1000
2000
3000
4000
5000
6000
secs from ANX


Doppler Bias[Hz]
300
200
100
0
−100
−200
02
04
06
08
10
12
14
17−Oct
Date


Doppler difference, estimated−predicted 'GM1' 'SS1' ascending −error mean of −19.998197 Hz
−100Hz
+100Hz

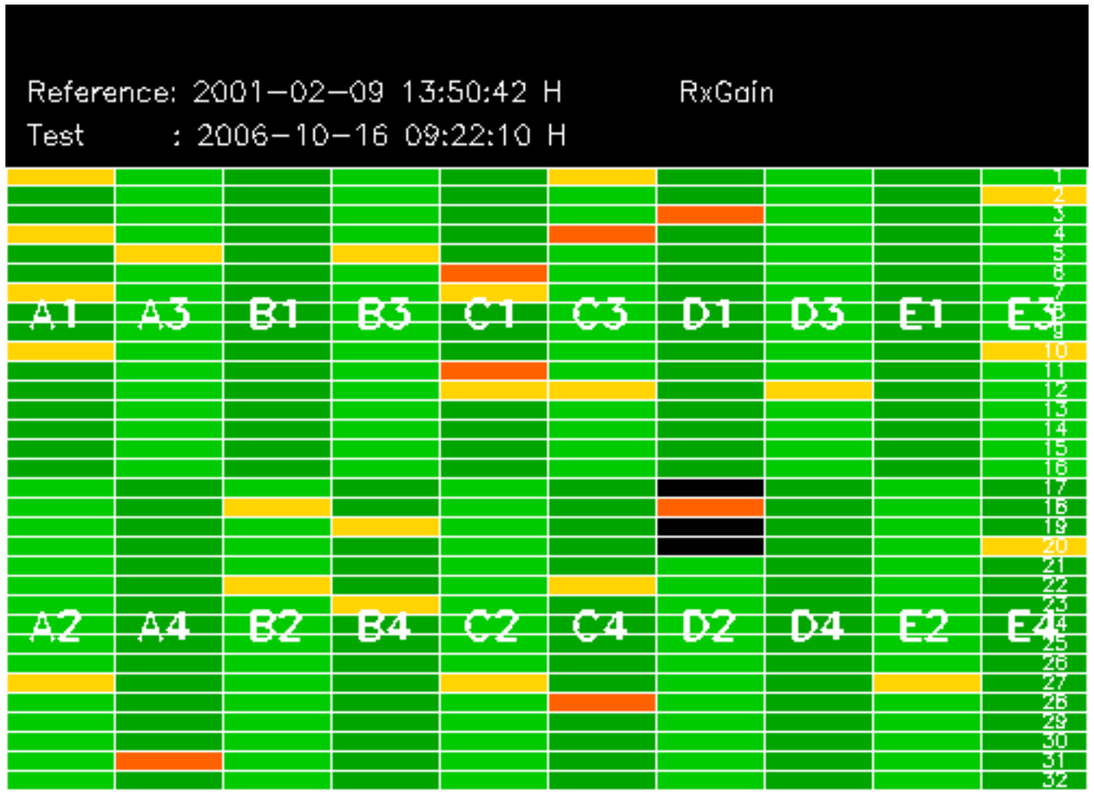

Doppler difference, estimated−predicted 'GM1' 'SS1' descending −error mean of −14.891364 Hz
−100Hz
+100Hz

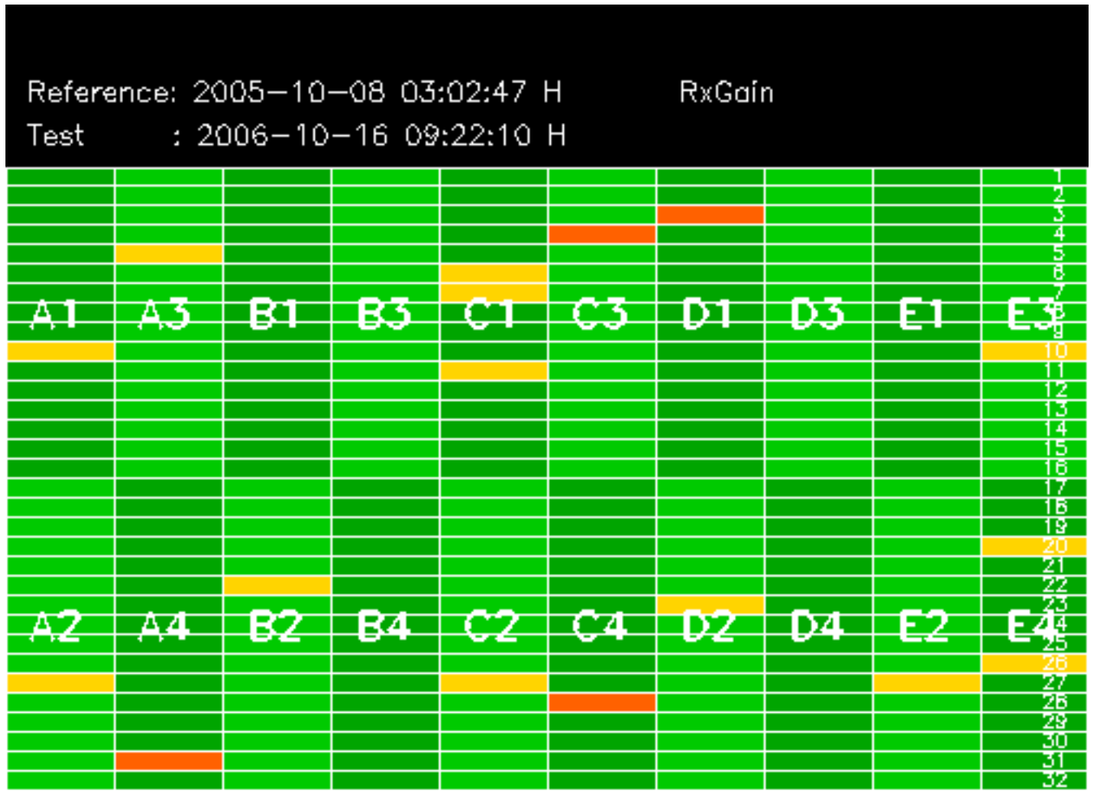

Doppler difference, estimated−predicted 'WVS' 'IS2' ascending −error mean of −8.5488323 Hz
−100Hz
+100Hz


Doppler difference, estimated−predicted 'WVS' 'IS2' descending −error mean of −15.069285 Hz
−100Hz
+100Hz

No anomalies observed on available MS products:

No anomalies observed.


Reference: 2001-02-09 13:50:42 H
RxGain
Test : 2006-10-16 09:22:10 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
Test : 2006-10-16 09:22:10 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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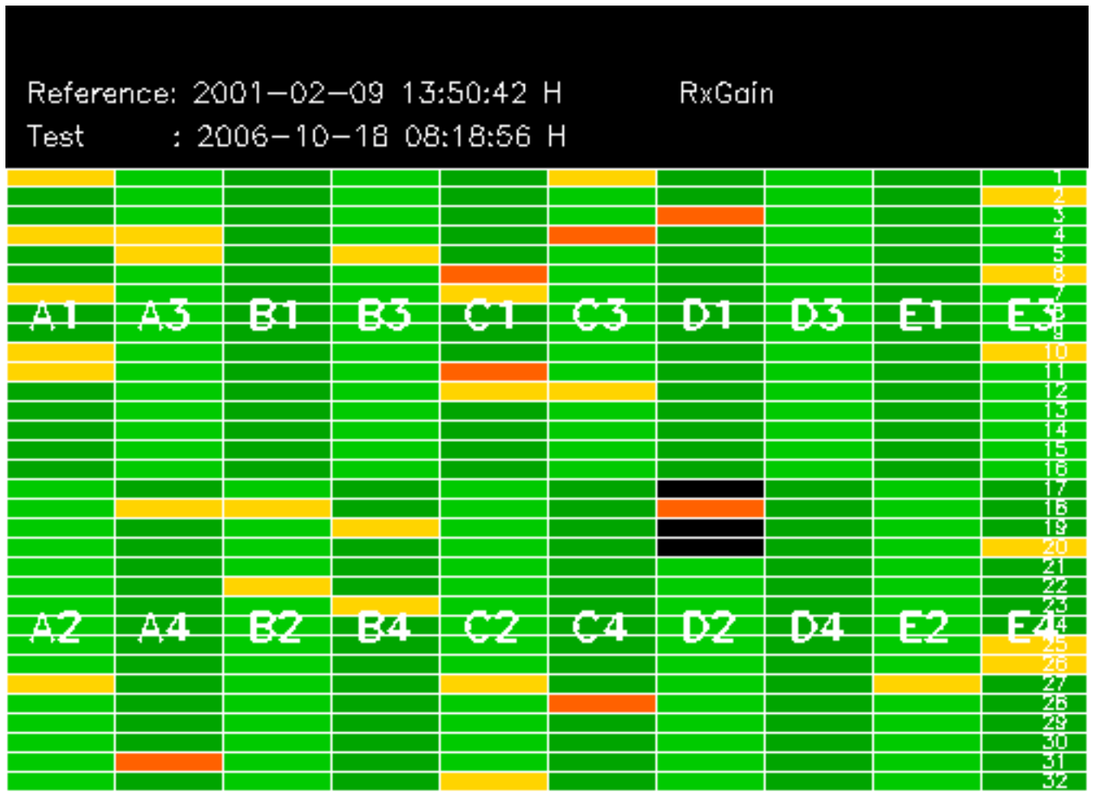
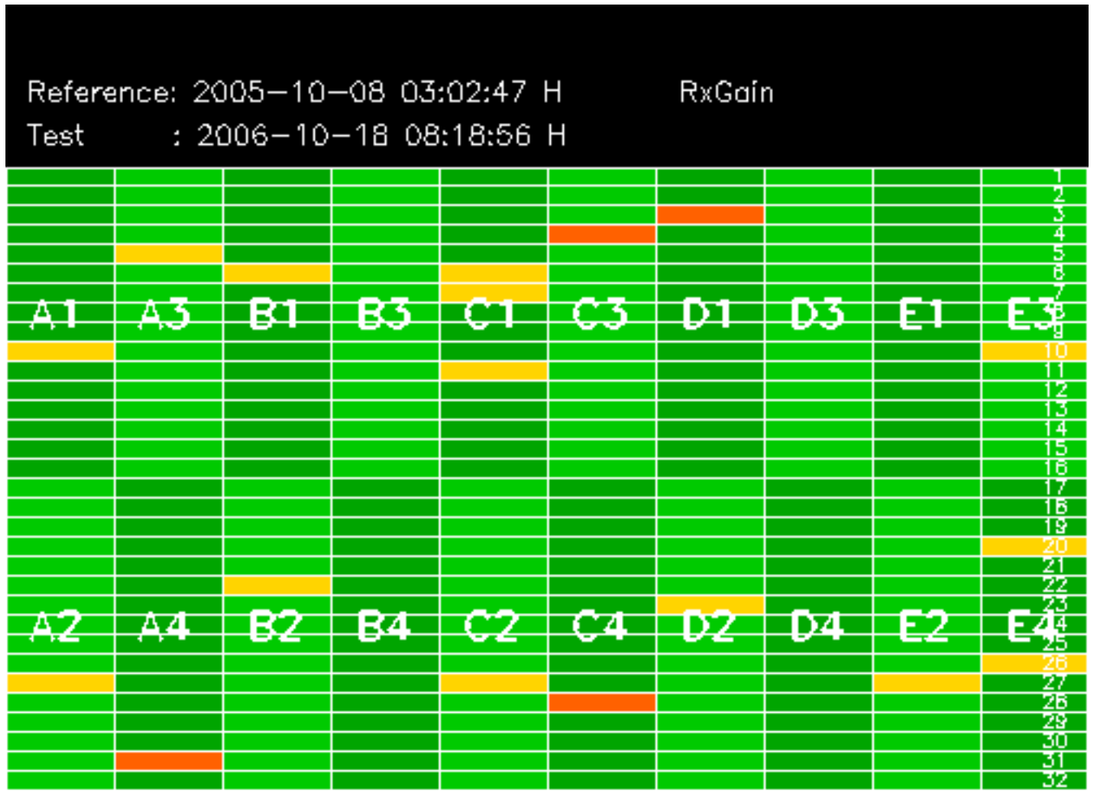

Reference: 2001-02-09 13:50:42 H
Test : 2006-10-18 08:18:56 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
Test : 2006-10-18 08:18:56 H
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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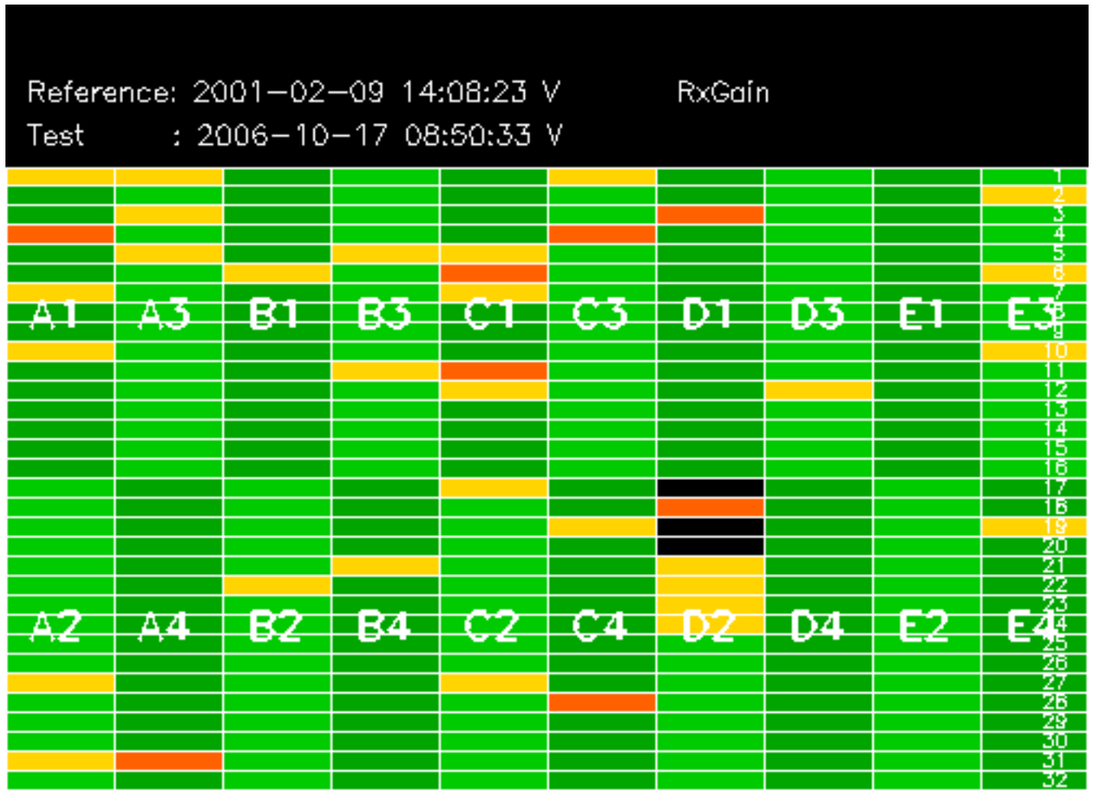
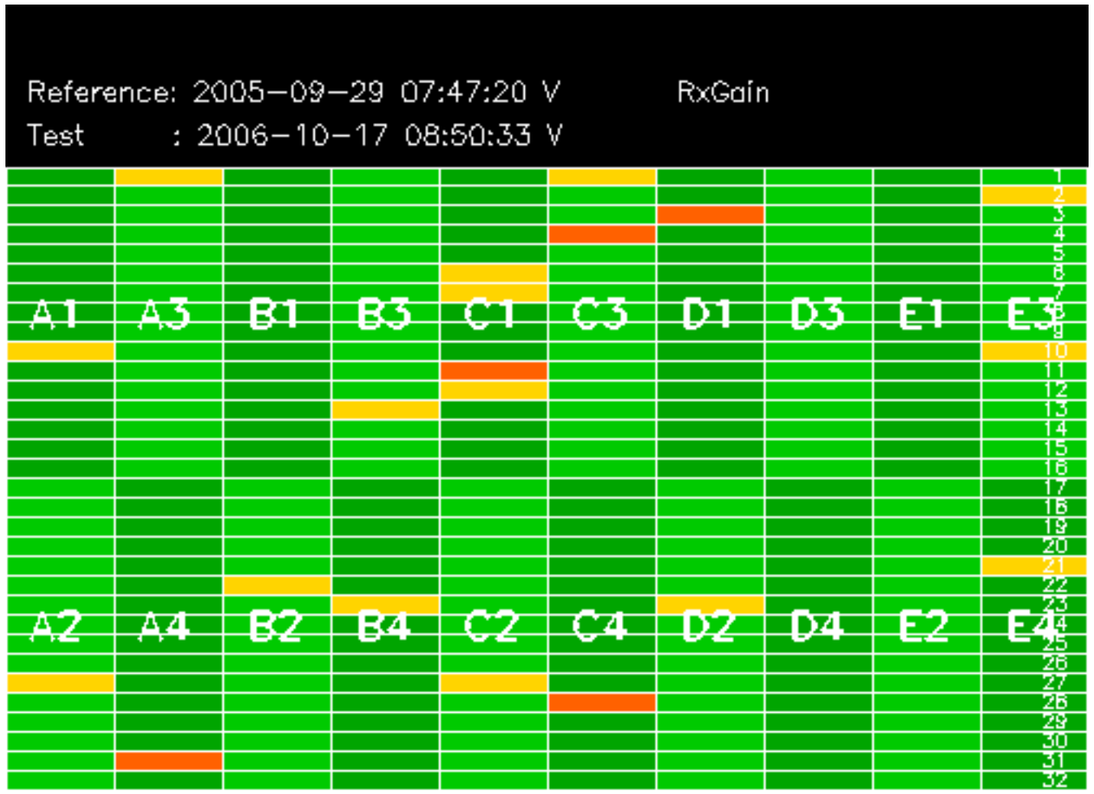

Reference: 2001-02-09 14:08:23 V
Test : 2006-10-17 08:50:33 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2006-10-17 08:50:33 V
RxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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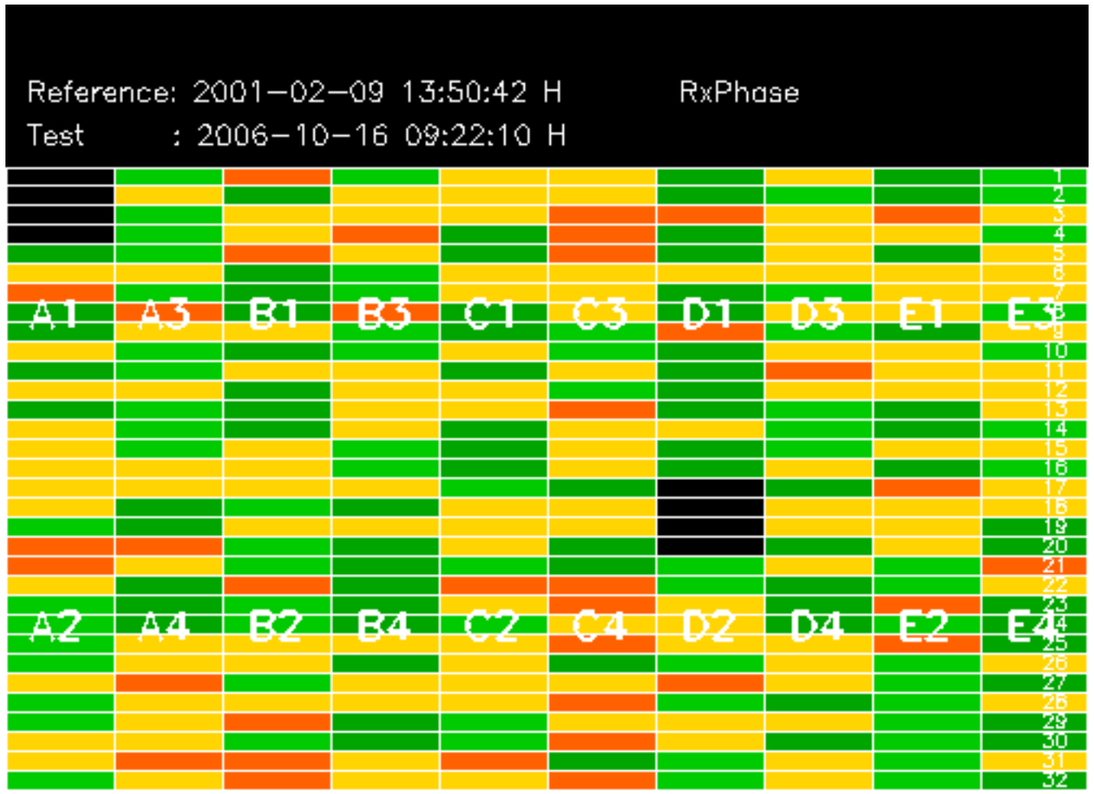
Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-10-16 09:22:10 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
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31
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Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-10-16 09:22:10 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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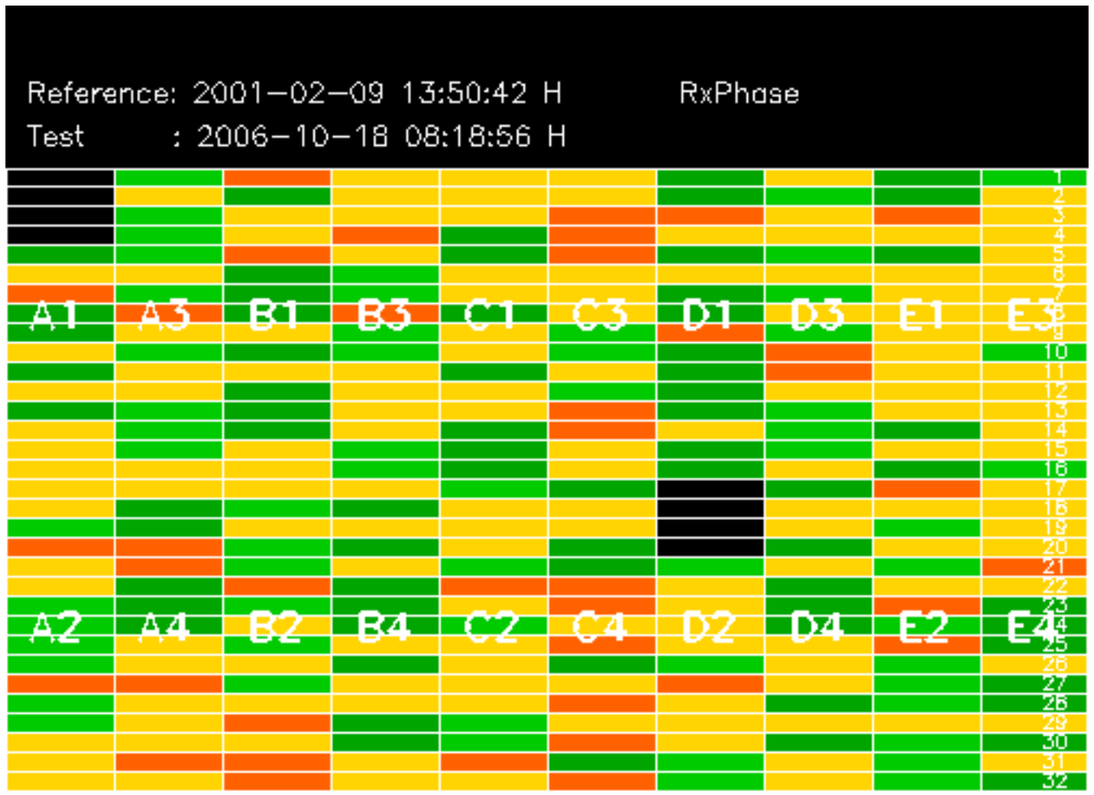
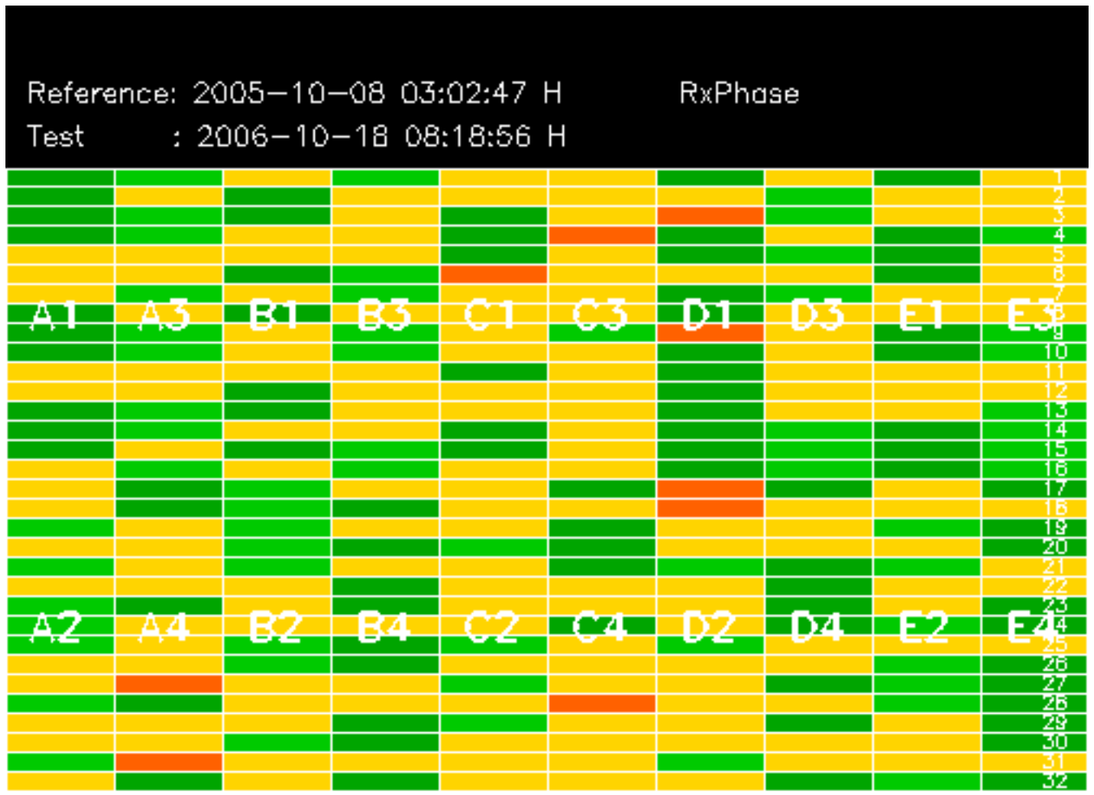
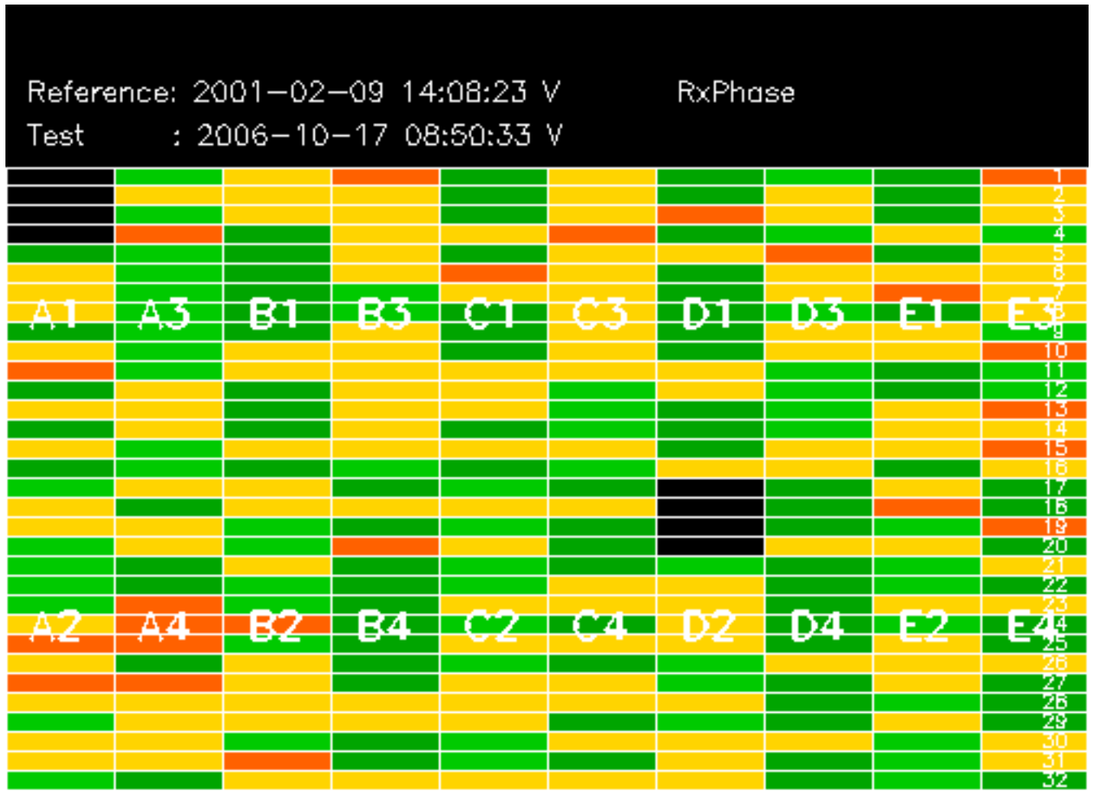
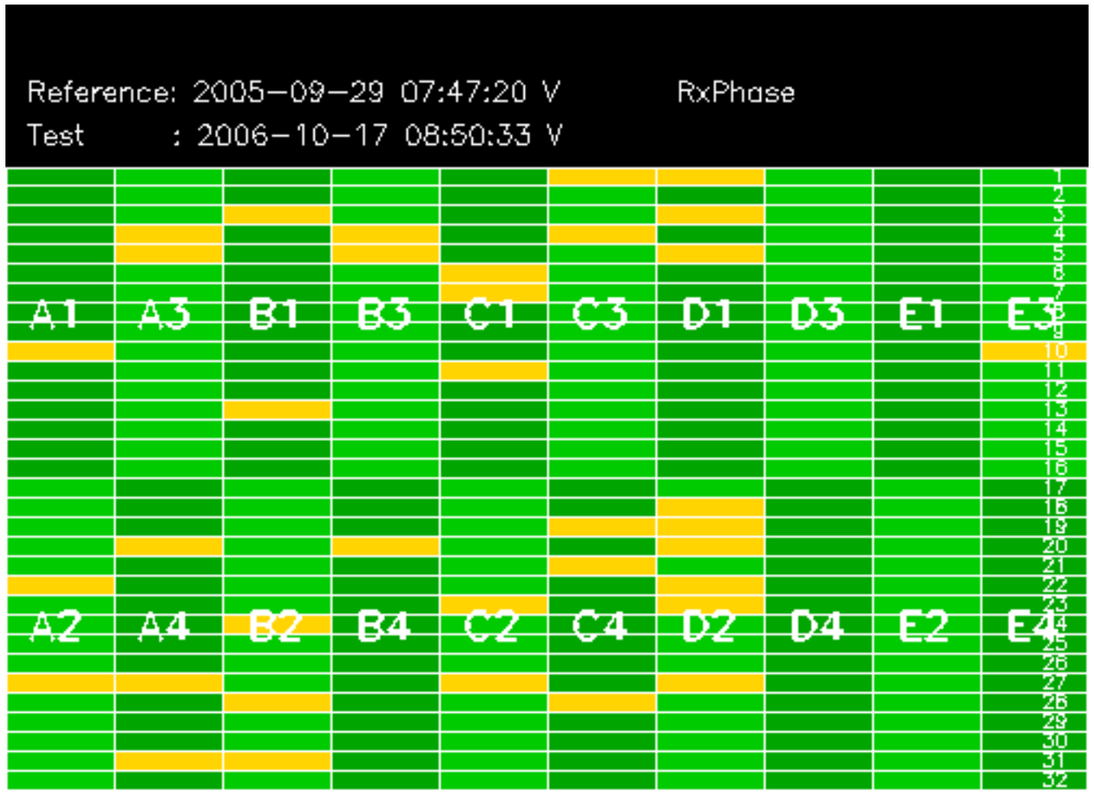

Reference: 2001-02-09 13:50:42 H
RxPhase
Test : 2006-10-18 08:18:56 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
RxPhase
Test : 2006-10-18 08:18:56 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2001-02-09 14:08:23 V
RxPhase
Test : 2006-10-17 08:50:33 V
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-09-29 07:47:20 V
Test : 2006-10-17 08:50:33 V
RxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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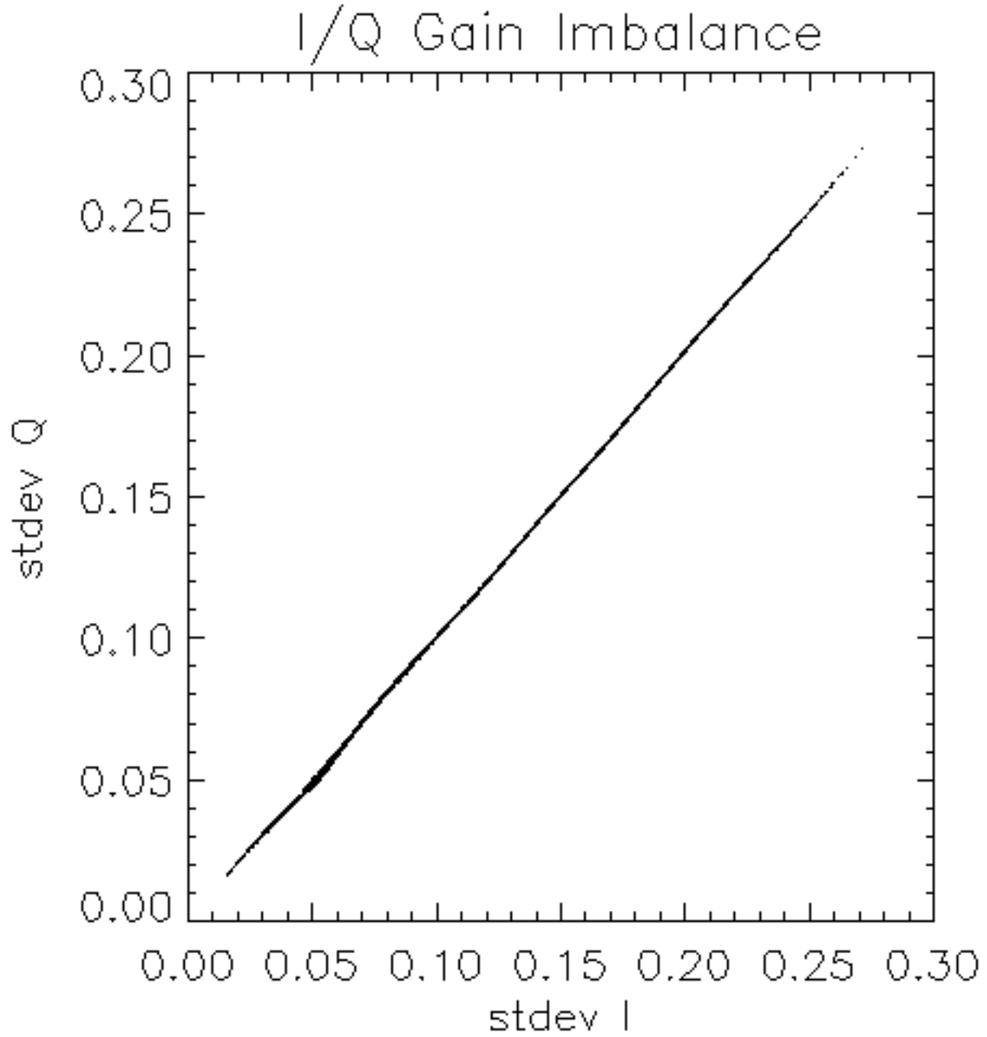
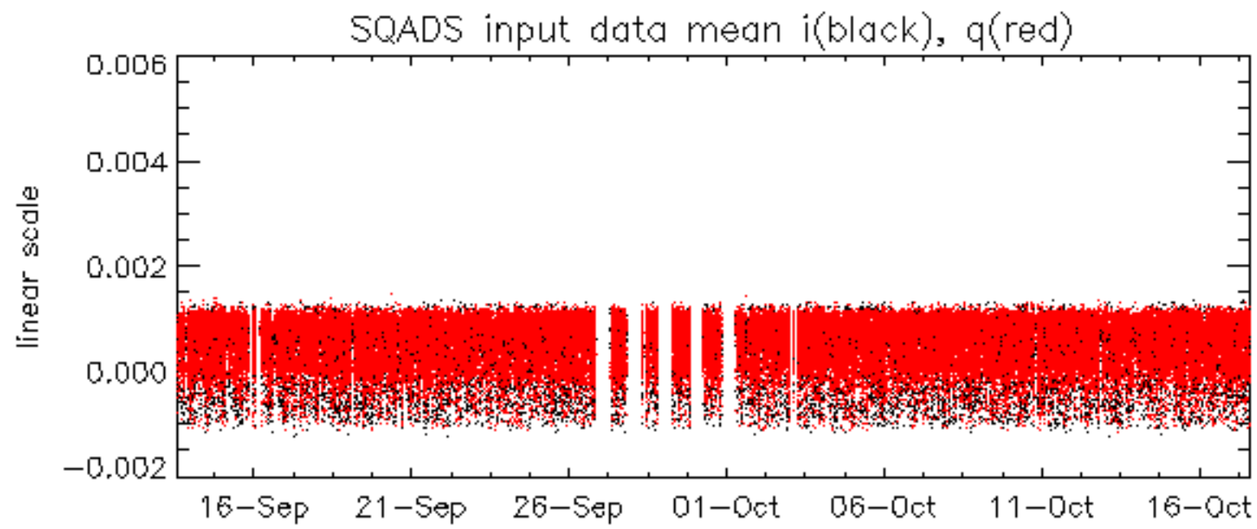
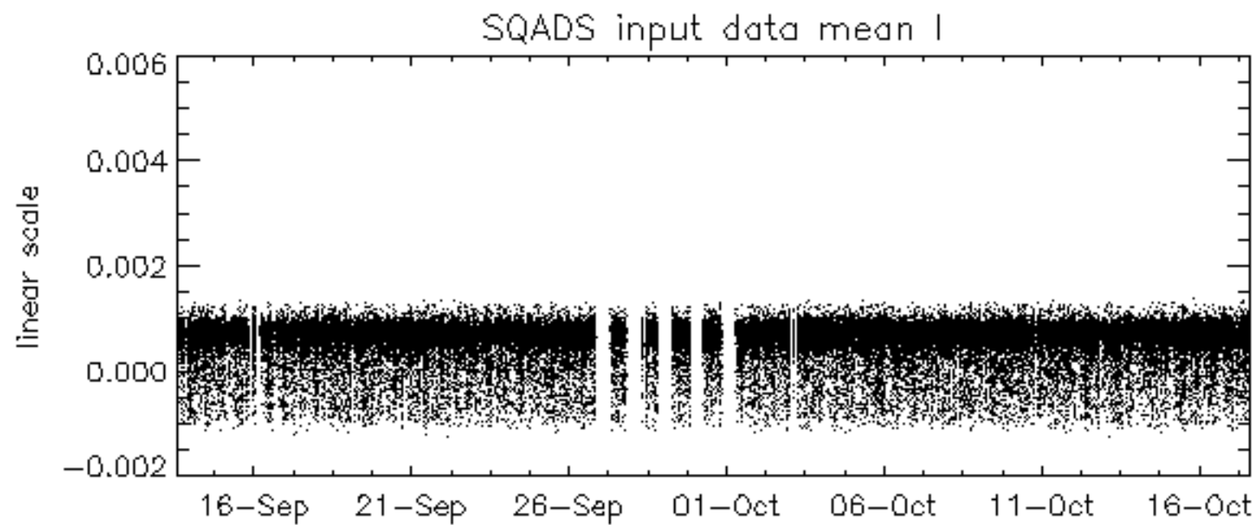
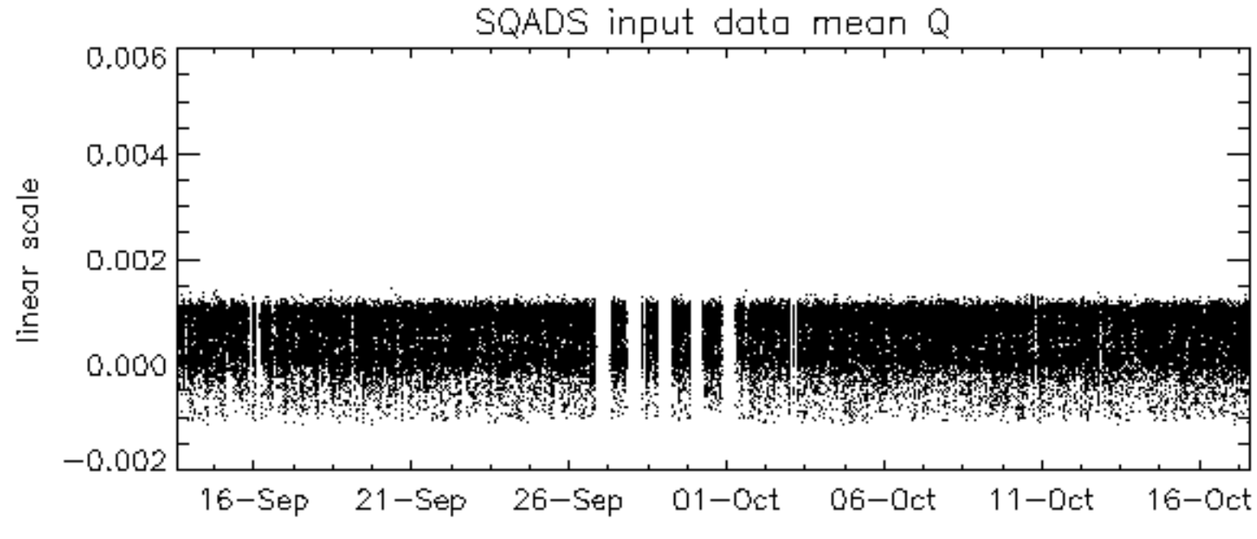
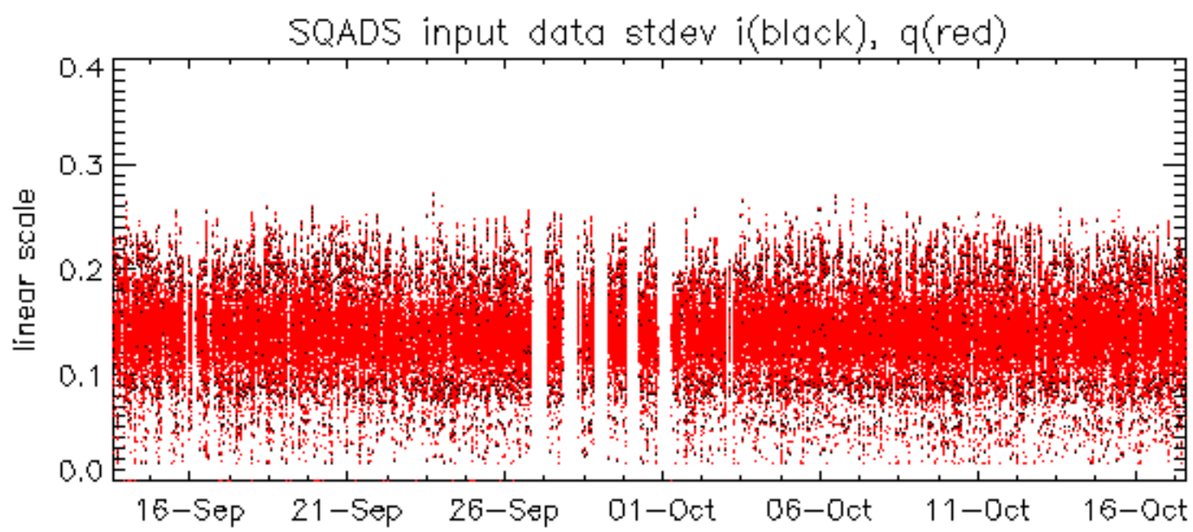
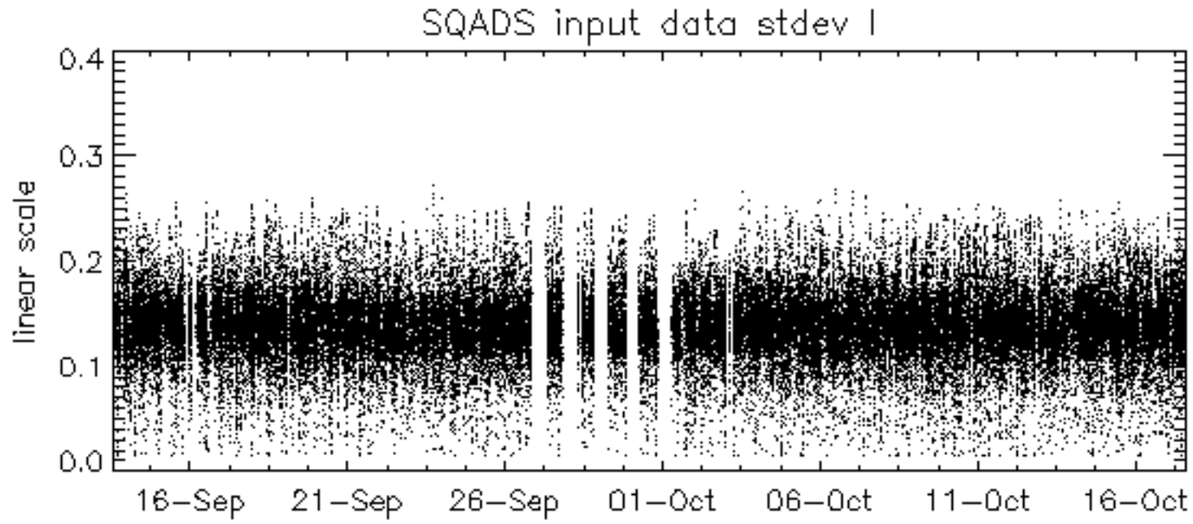

I/Q Gain Imbalance
0.30
0.25
0.20
0.15
0.10
0.05
0.00
stdev Q
0.00 0.05 0.10 0.15 0.20 0.25 0.30
stdev I

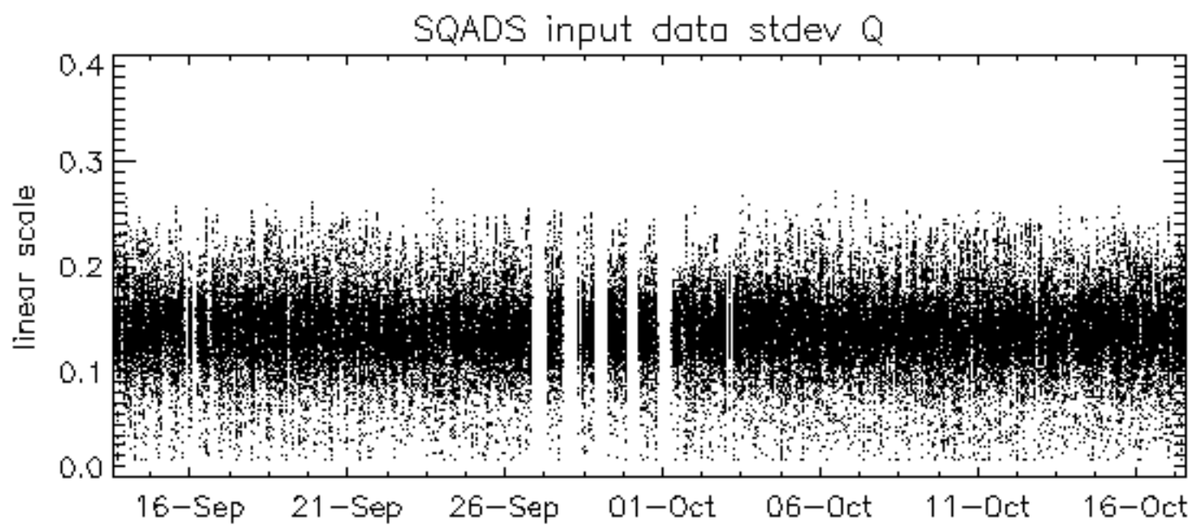

SQADS input data mean i(black), q(red)
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Sep
21−Sep
26−Sep
01−Oct
06−Oct
11−Oct
16−Oct

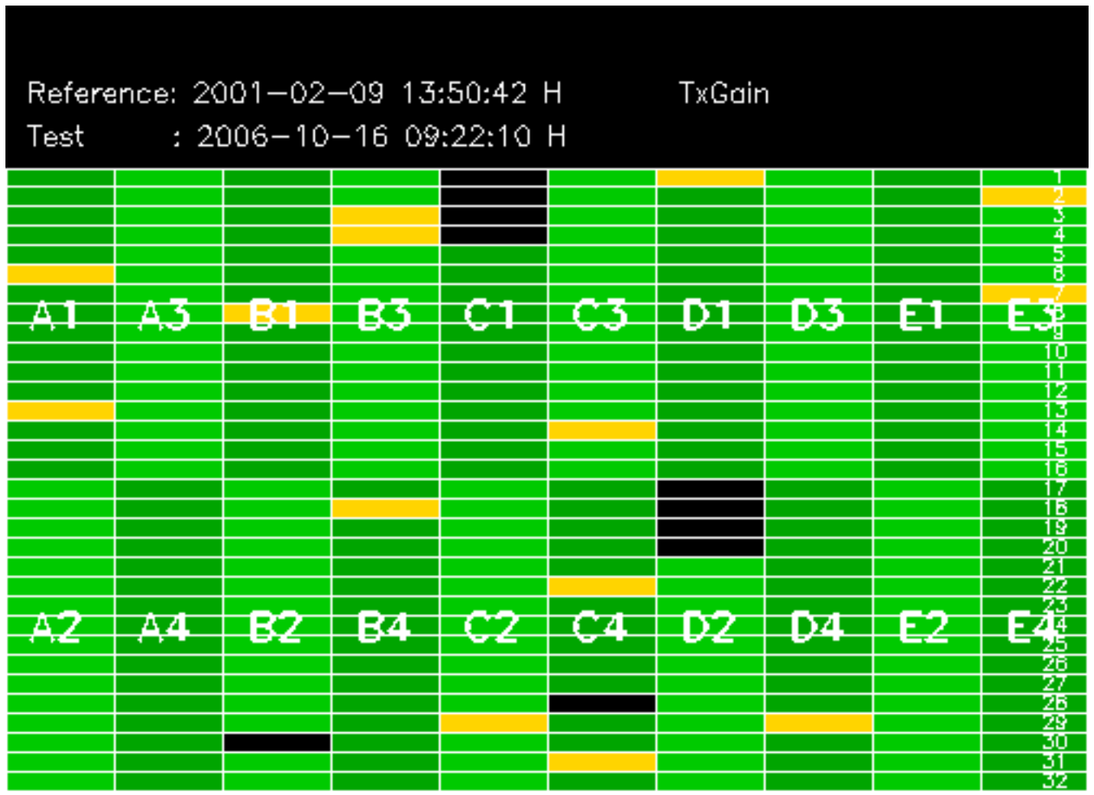

SQADS input data mean I
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Sep
21−Sep
26−Sep
01−Oct
06−Oct
11−Oct
16−Oct

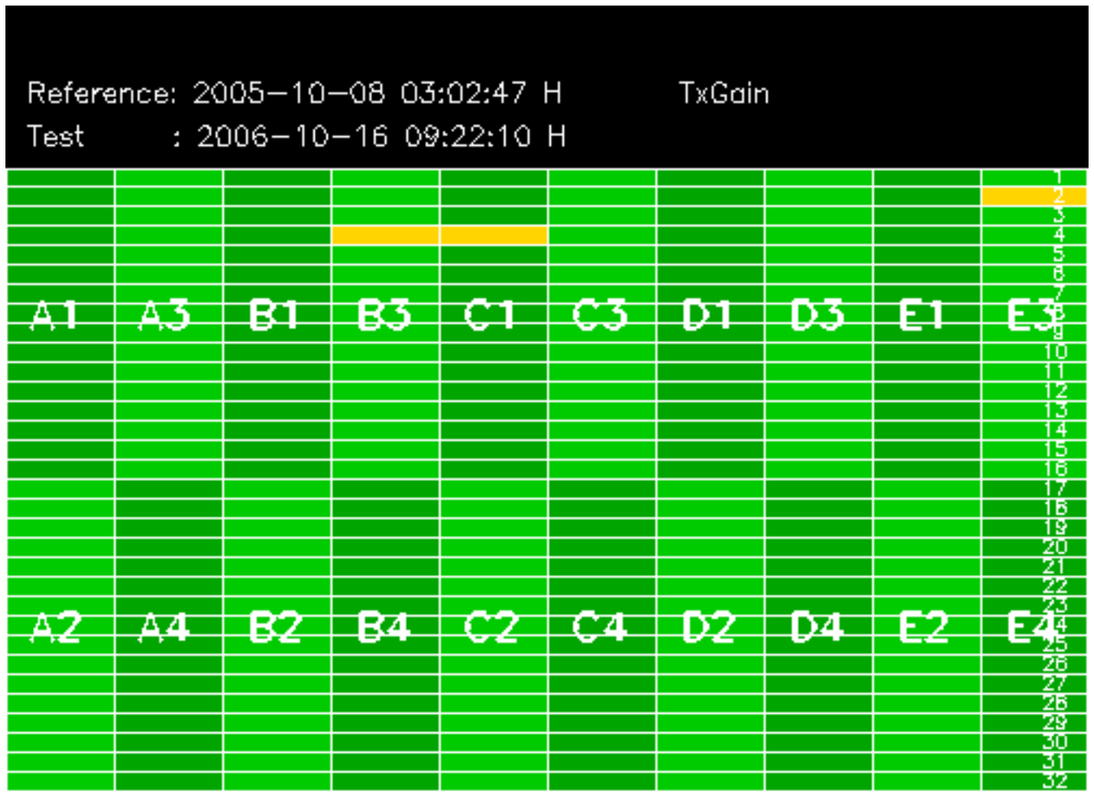

SQADS input data mean Q
linear scale
0.006
0.004
0.002
0.000
−0.002
16−Sep
21−Sep
26−Sep
01−Oct
06−Oct
11−Oct
16−Oct


SQADS input data stdev i(black), q(red)
linear scale
0.4
0.3
0.2
0.1
0.0
16−Sep
21−Sep
26−Sep
01−Oct
06−Oct
11−Oct
16−Oct


SQADS input data stdev I
linear scale
0.4
0.3
0.2
0.1
0.0
16−Sep
21−Sep
26−Sep
01−Oct
06−Oct
11−Oct
16−Oct


SQADS input data stdev Q
linear scale
0.4
0.3
0.2
0.1
0.0
16−Sep
21−Sep
26−Sep
01−Oct
06−Oct
11−Oct
16−Oct


Reference: 2001-02-09 13:50:42 H
Test : 2006-10-16 09:22:10 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
Test : 2006-10-16 09:22:10 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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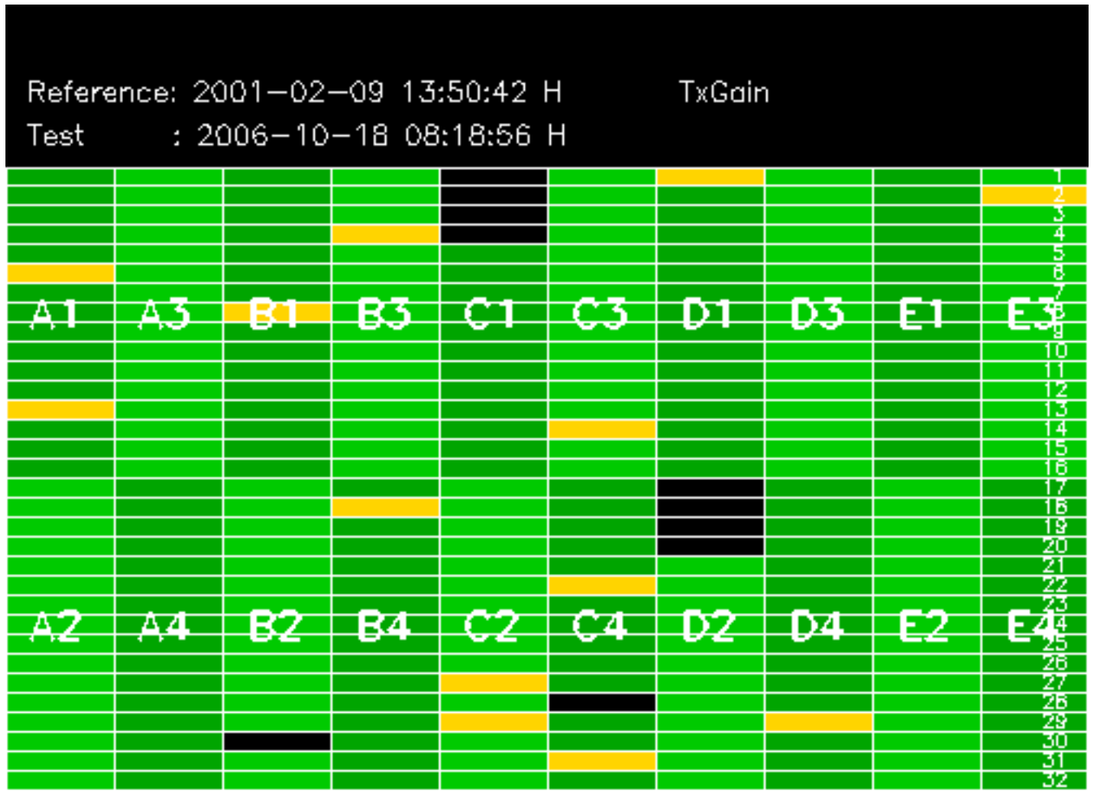
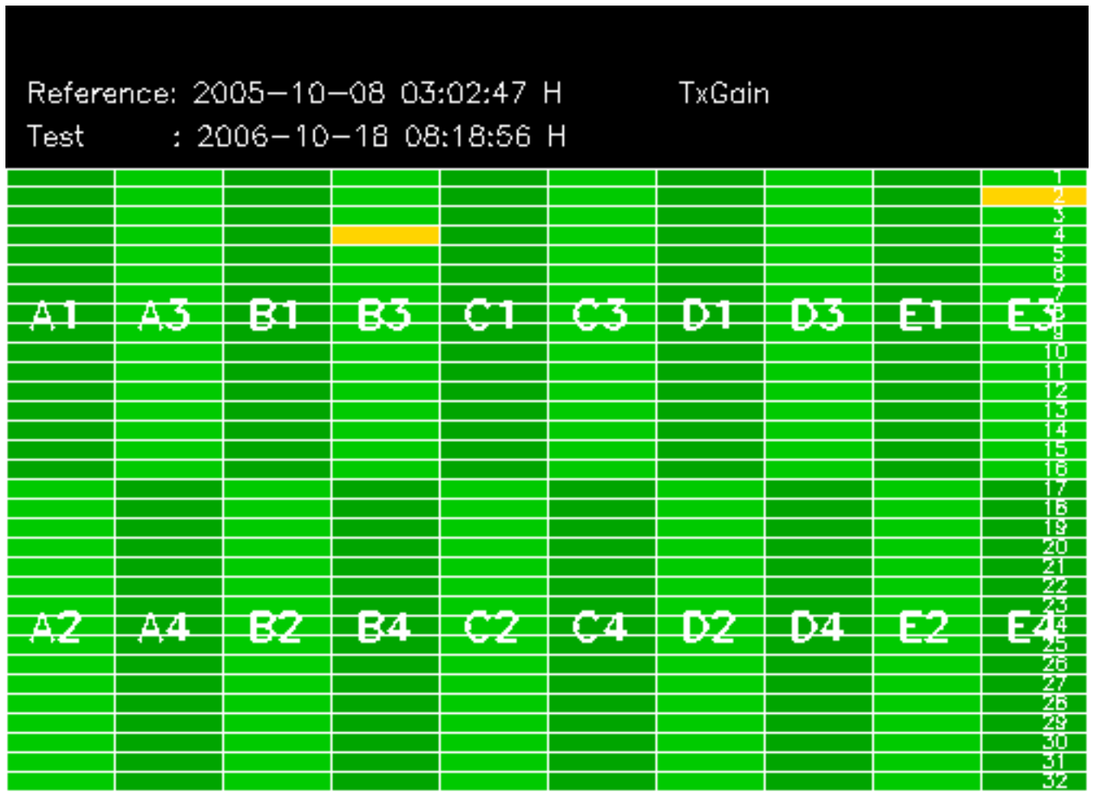

Reference: 2001-02-09 13:50:42 H
Test : 2006-10-18 08:18:56 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
Test : 2006-10-18 08:18:56 H
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
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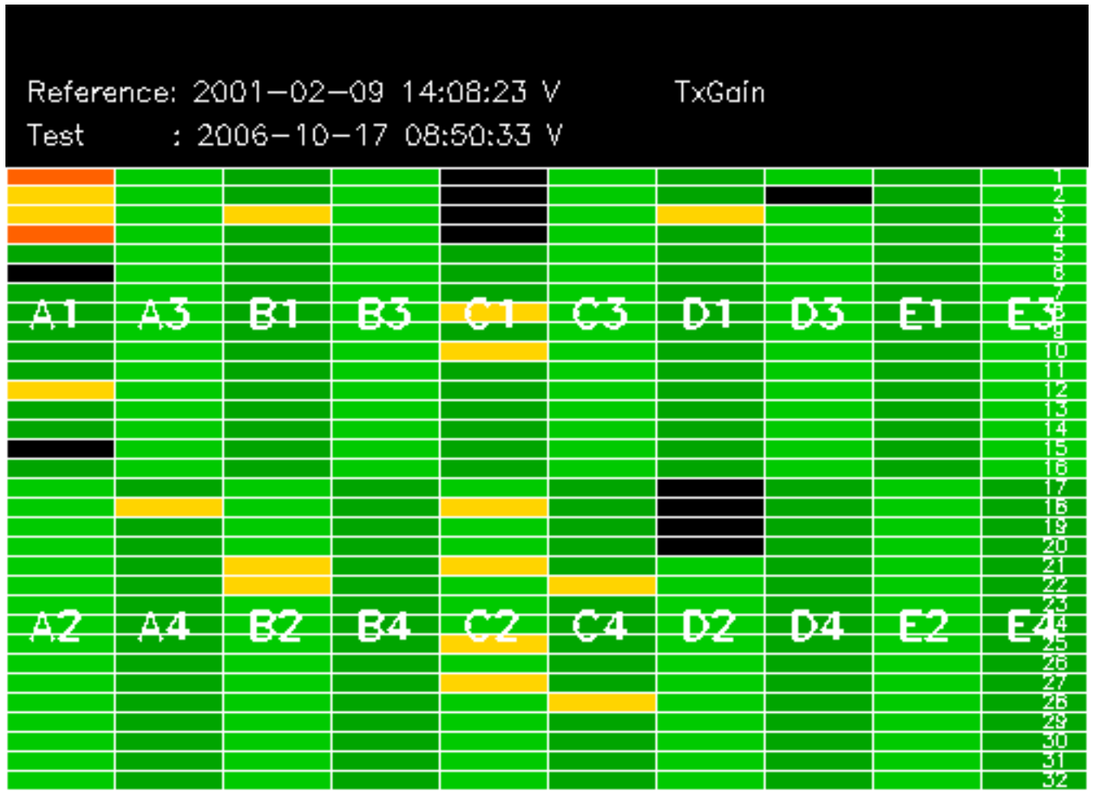
Reference: 2001-02-09 14:08:23 V
Test : 2006-10-17 08:50:33 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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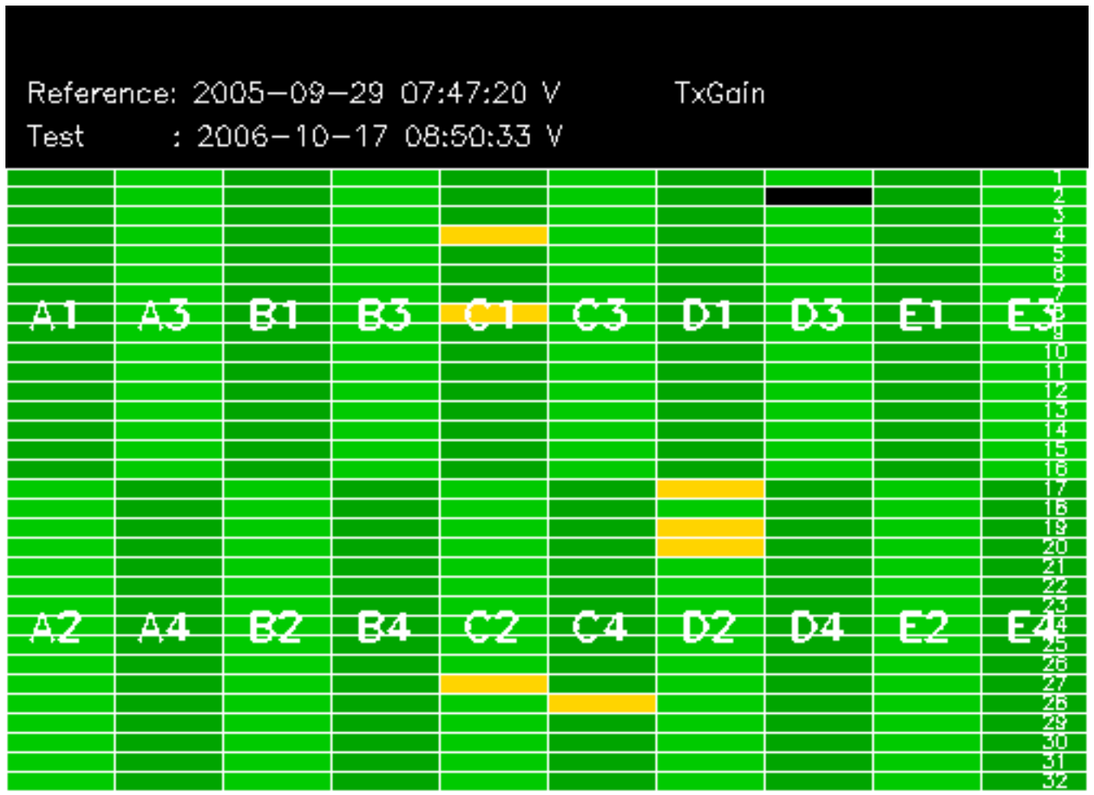
Reference: 2005-09-29 07:47:20 V
Test : 2006-10-17 08:50:33 V
TxGain
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
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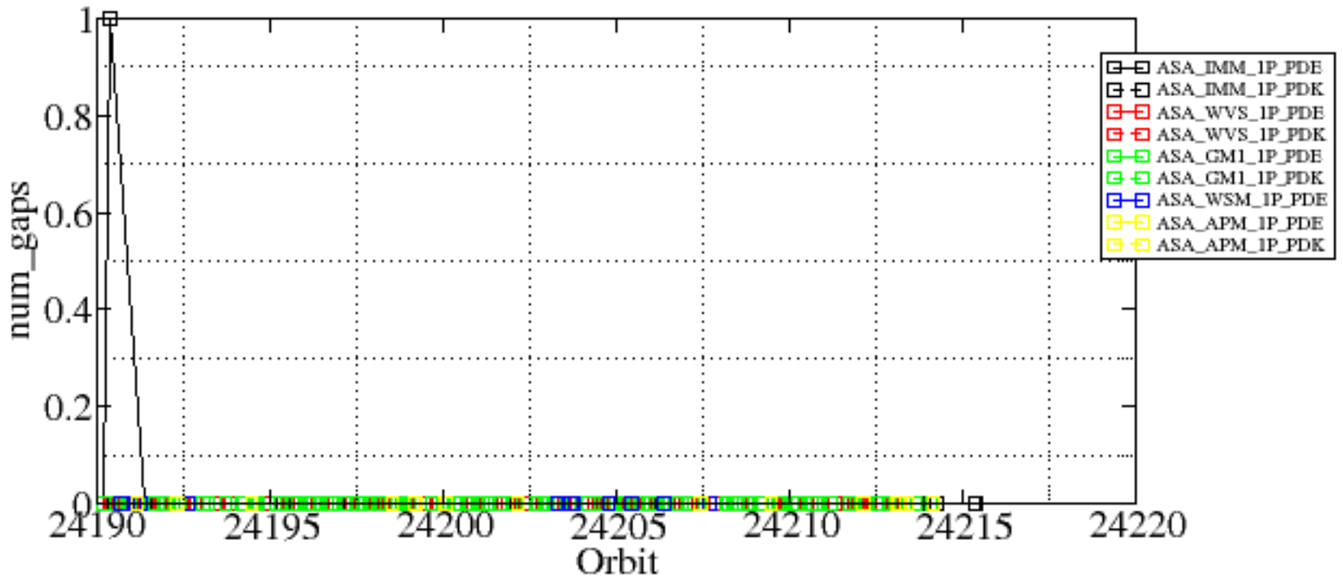
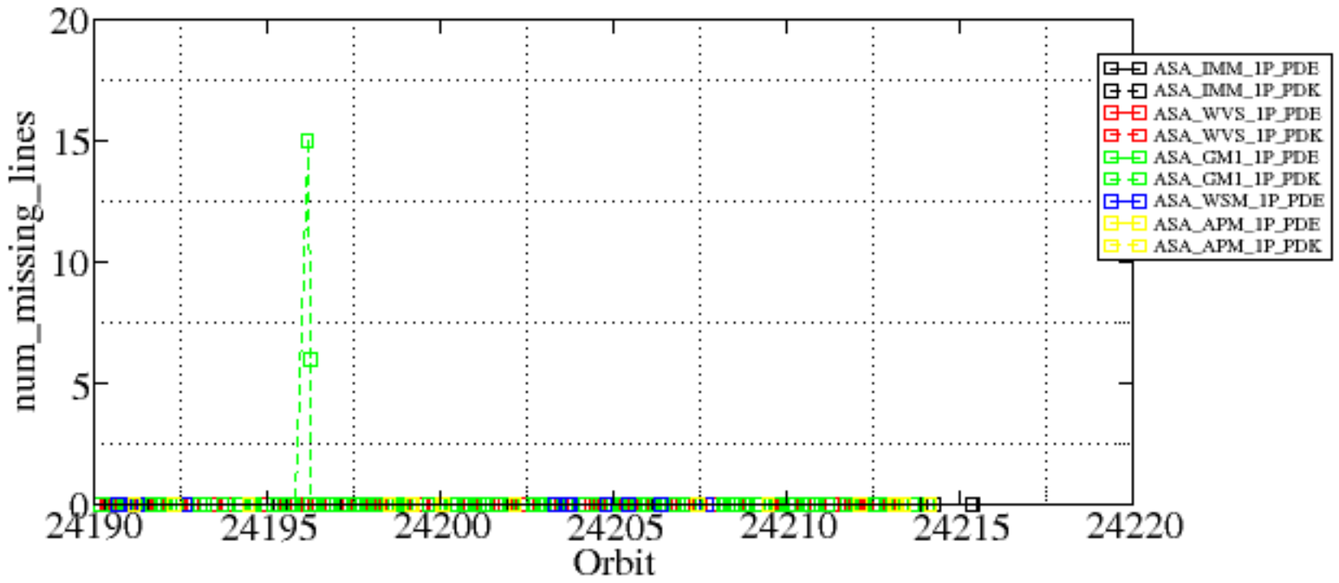
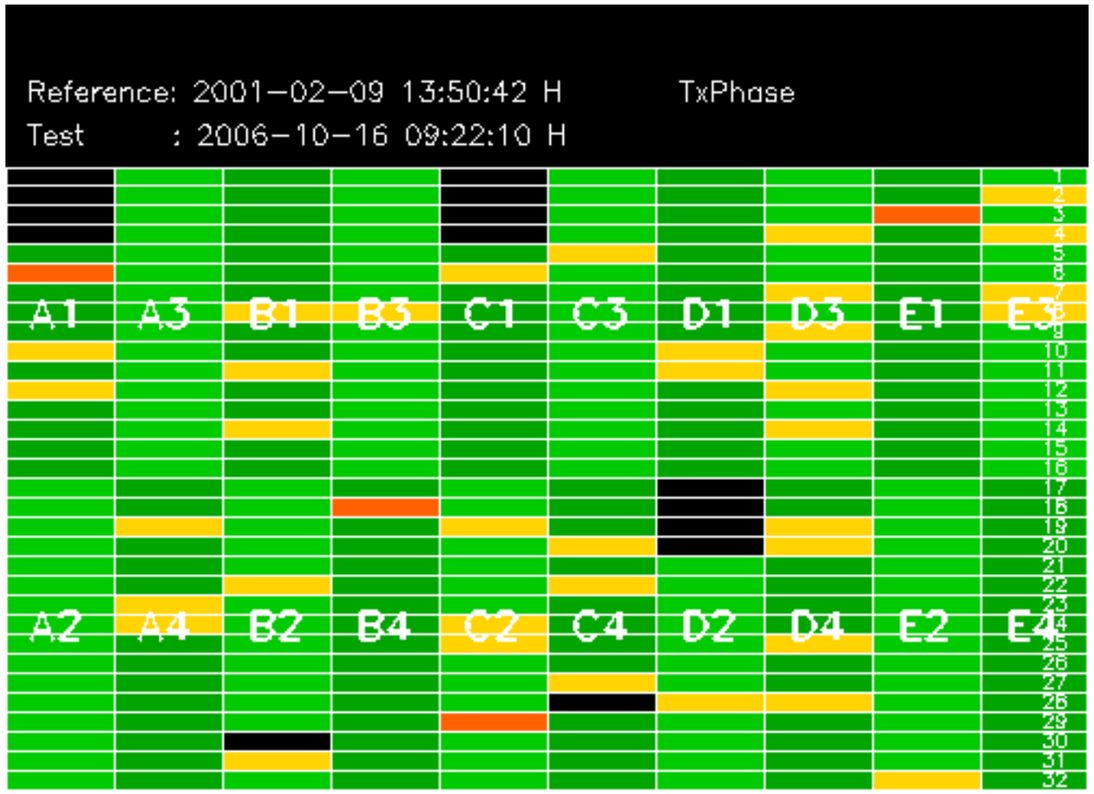
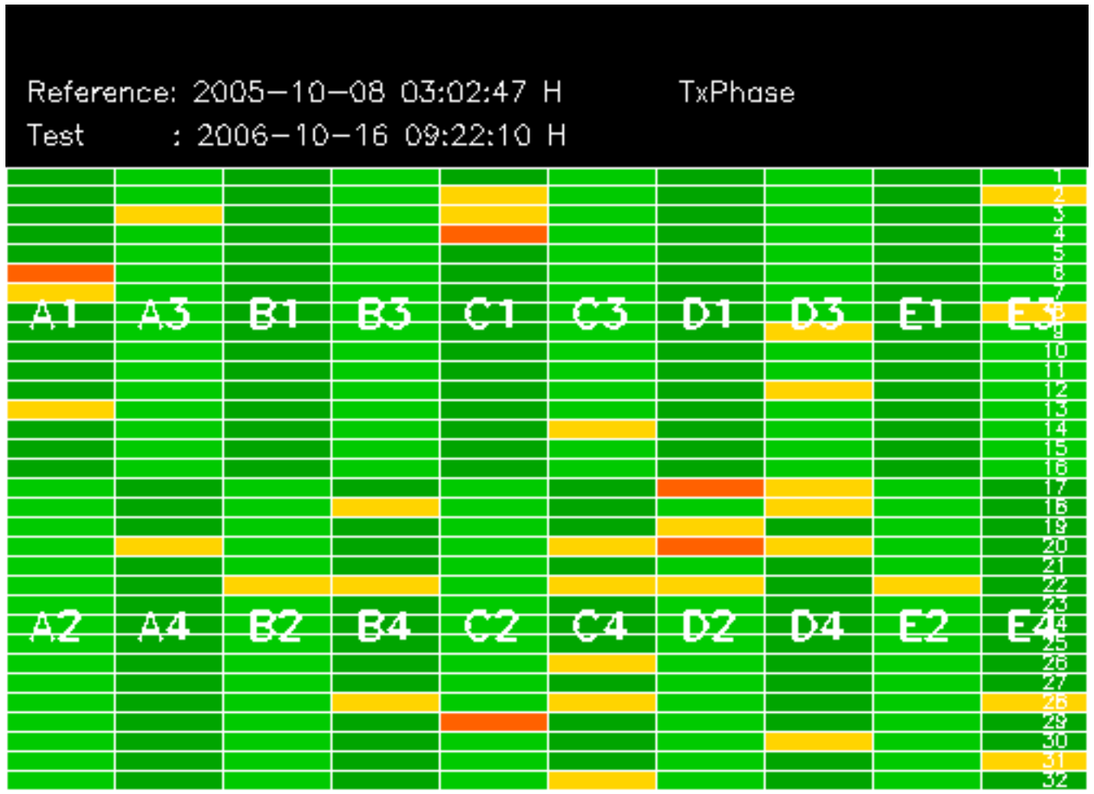
Summary of analysis for the last 3 days 2006101[678]
The assumptions is taken that the SQADS num_gaps and num_missing_lines fields are reliable indicators of telemetry problems

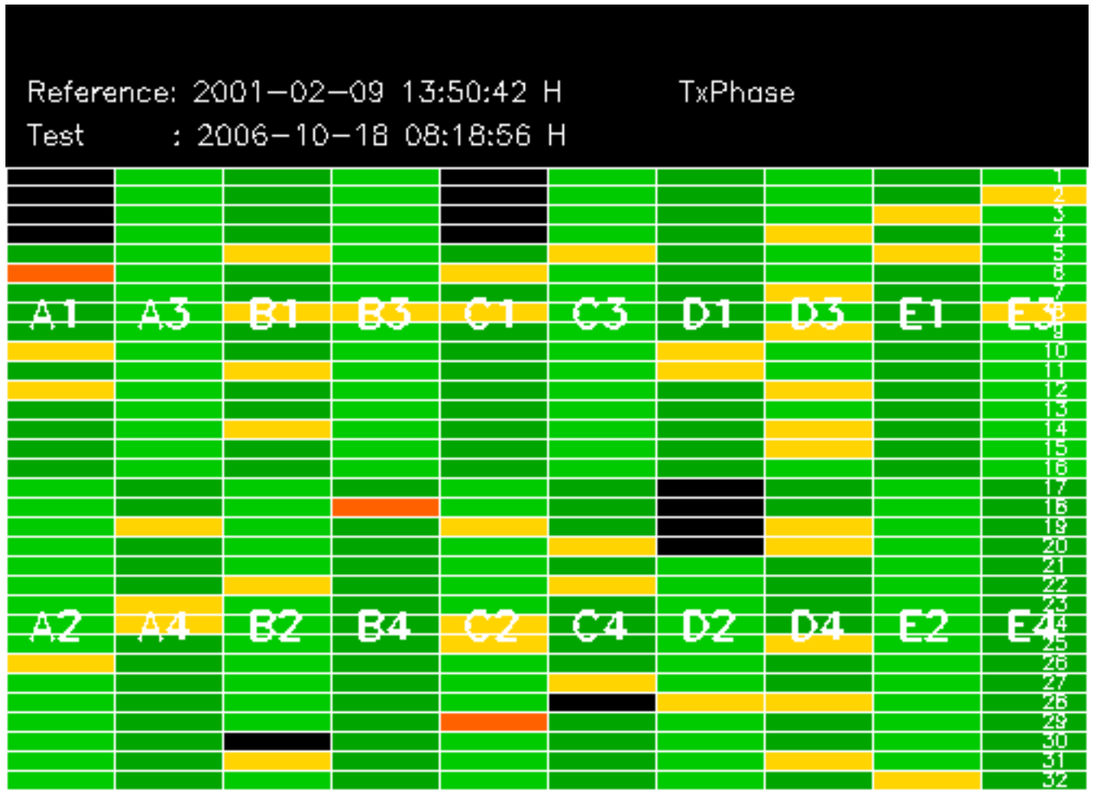
<table border=1>
<tr> <th>Filename </th><th> num_gaps</th><th>num_missing_lines</th></tr>
<tr> <td>ASA_IMM_1PNPDE20061016_002901_000000512052_00088_24190_7082.N1 </td> <td>1 </td> <td>0 </td></tr>
<tr> <td>ASA_GM1_1PNPDK20061016_101226_000002832052_00094_24196_6655.N1 </td> <td>0 </td> <td>15 </td></tr>
<tr> <td>ASA_GM1_1PNPDK20061016_101852_000003802052_00094_24196_6652.N1 </td> <td>0 </td> <td>6 </td></tr>
</table>


num_gaps
1
0.8
0.6
0.4
0.2
0
24190
24195
24200
24205
24210
24215
24220
Orbit
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_GM1_1P_PDK
ASA_WSM_1P_PDE
ASA_APM_1P_PDE
ASA_APM_1P_PDK


num_missing_lines
20
15
10
5
0
24190
24195
24200
24205
24210
24215
24220
Orbit
ASA_IMM_1P_PDE
ASA_IMM_1P_PDK
ASA_WVS_1P_PDE
ASA_WVS_1P_PDK
ASA_GM1_1P_PDE
ASA_GM1_1P_PDK
ASA_WSM_1P_PDE
ASA_APM_1P_PDE
ASA_APM_1P_PDK


Reference: 2001-02-09 13:50:42 H
Test : 2006-10-16 09:22:10 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2005-10-08 03:02:47 H
TxPhase
Test : 2006-10-16 09:22:10 H
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Reference: 2001-02-09 13:50:42 H
Test : 2006-10-18 08:18:56 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
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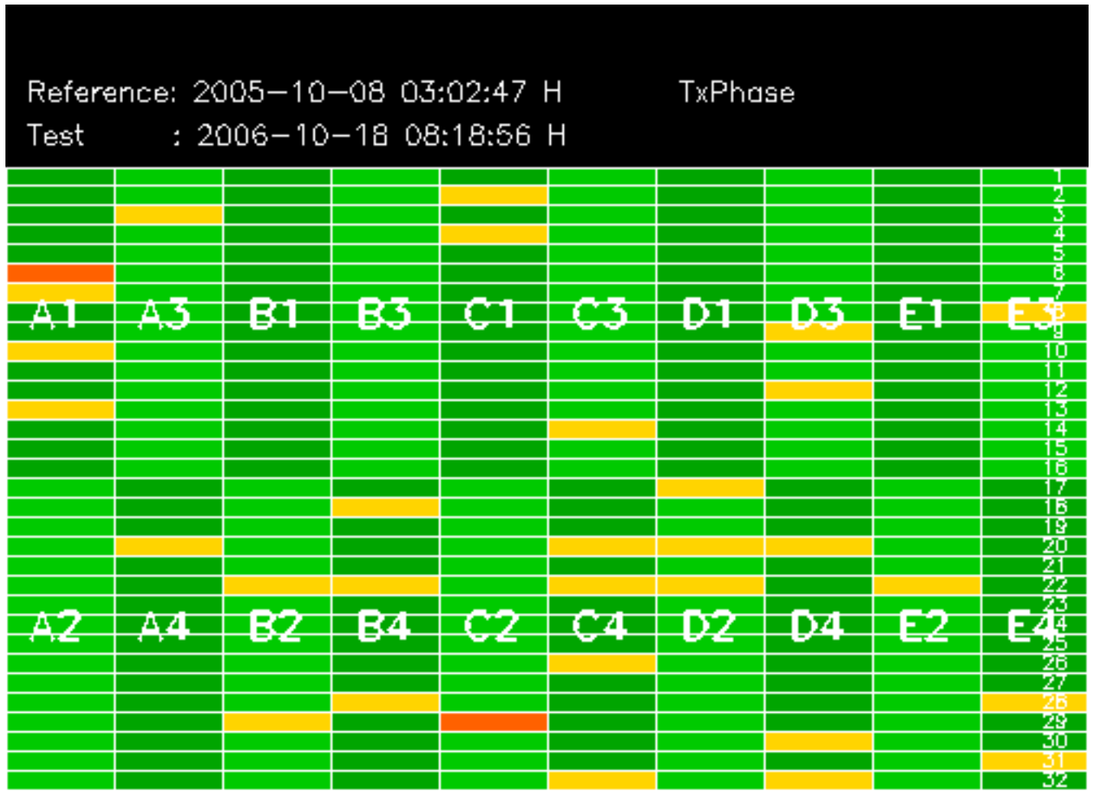
Reference: 2005-10-08 03:02:47 H
Test : 2006-10-18 08:18:56 H
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
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9
10
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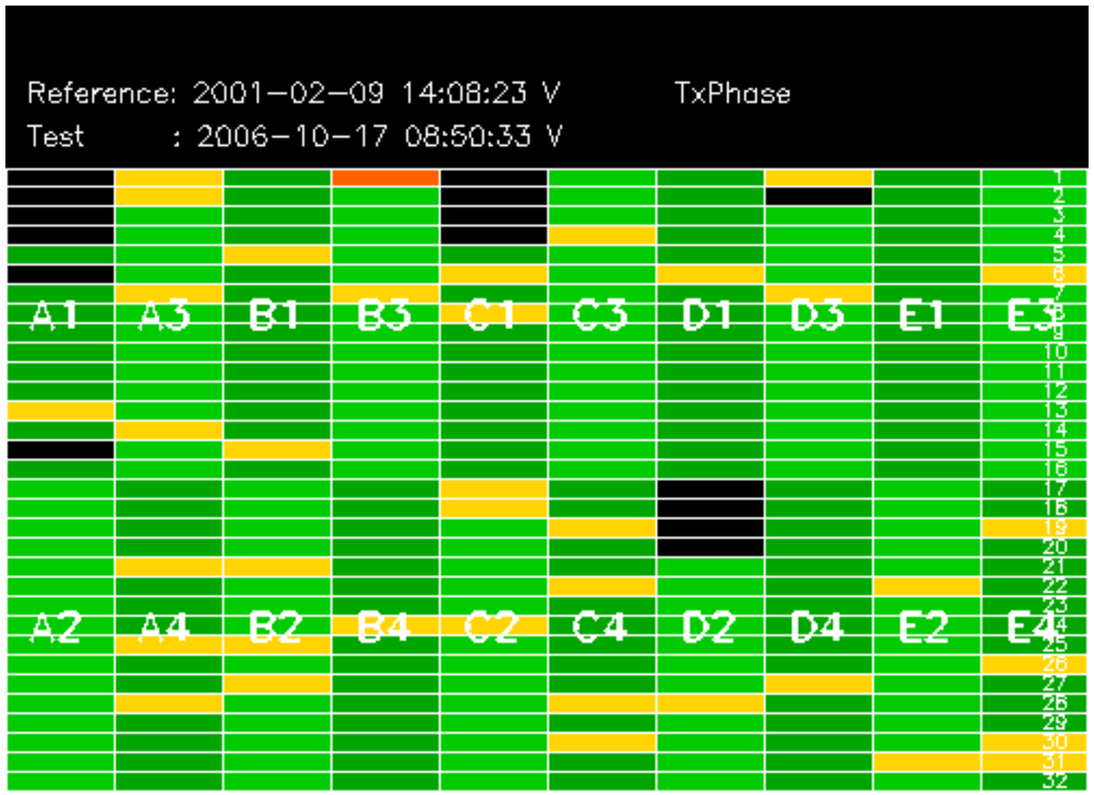
Reference: 2001-02-09 14:08:23 V
Test : 2006-10-17 08:50:33 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4
1
2
3
4
5
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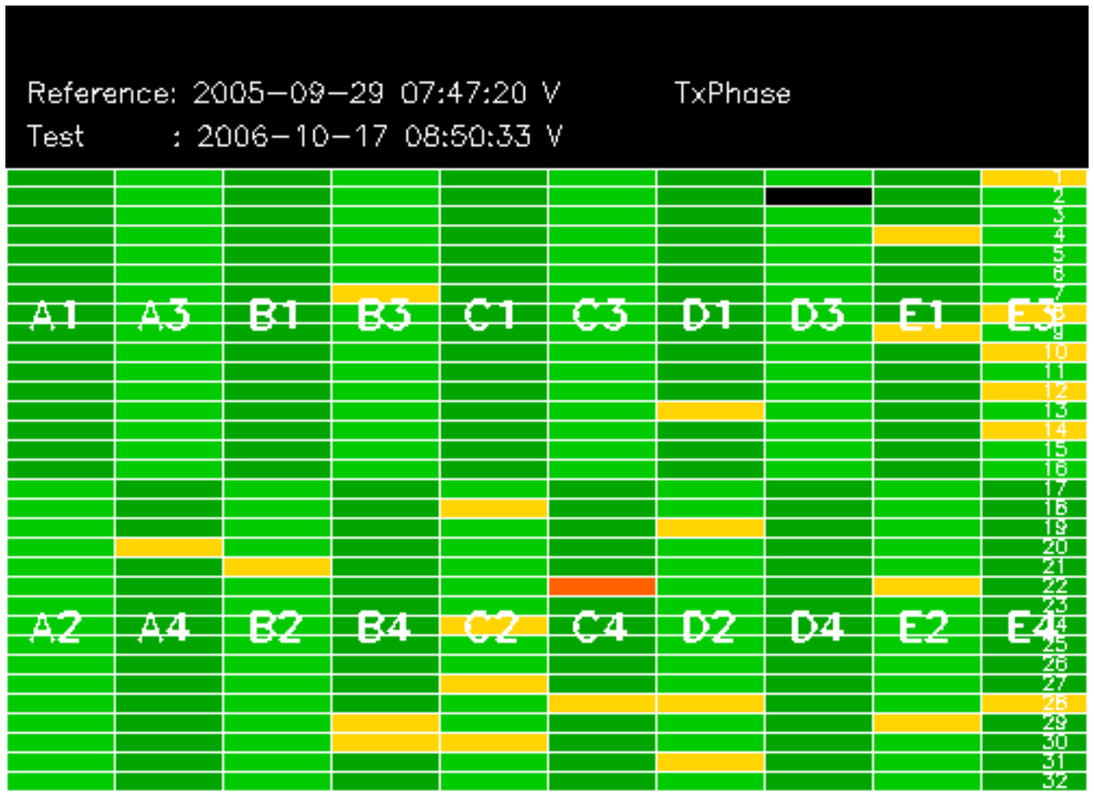
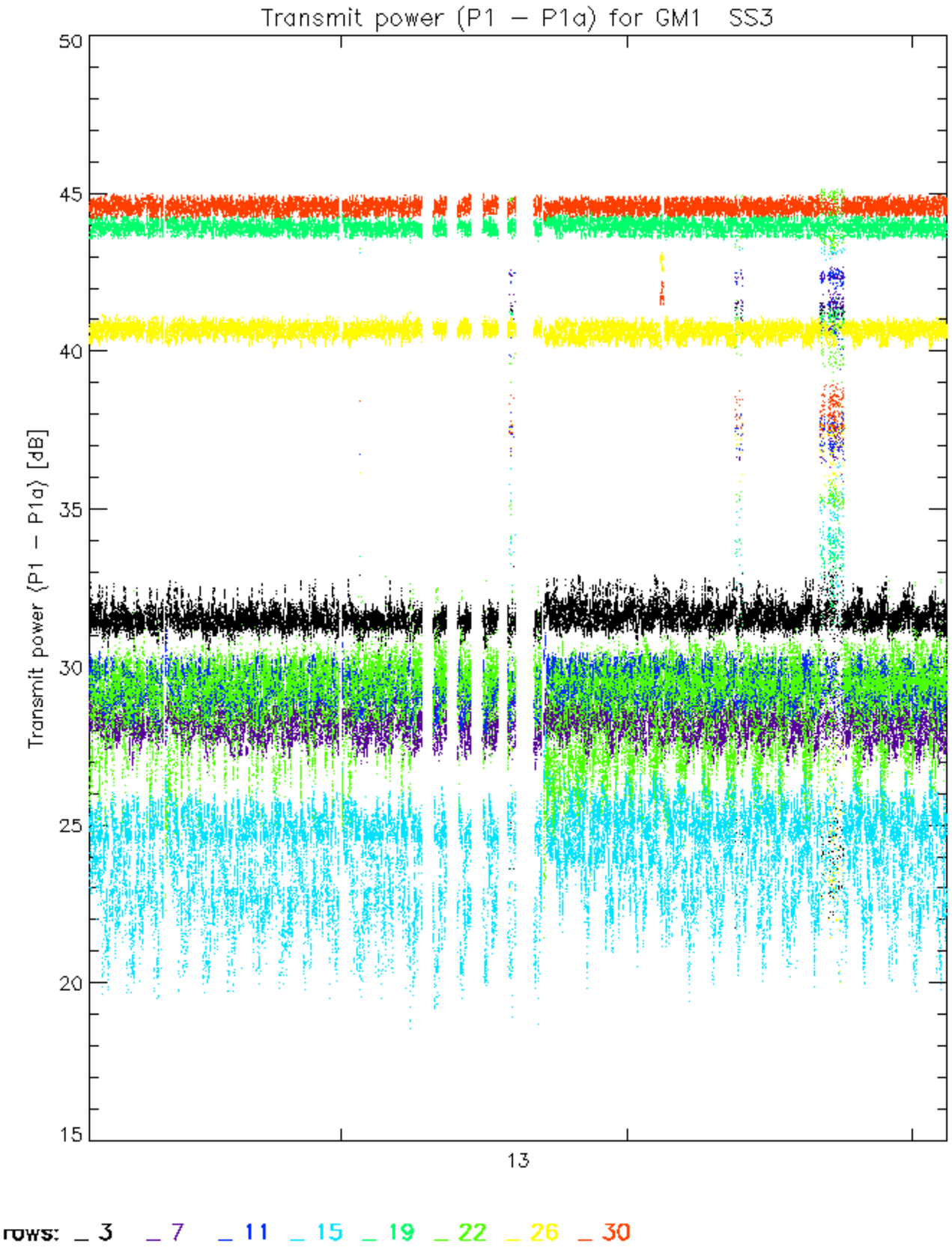
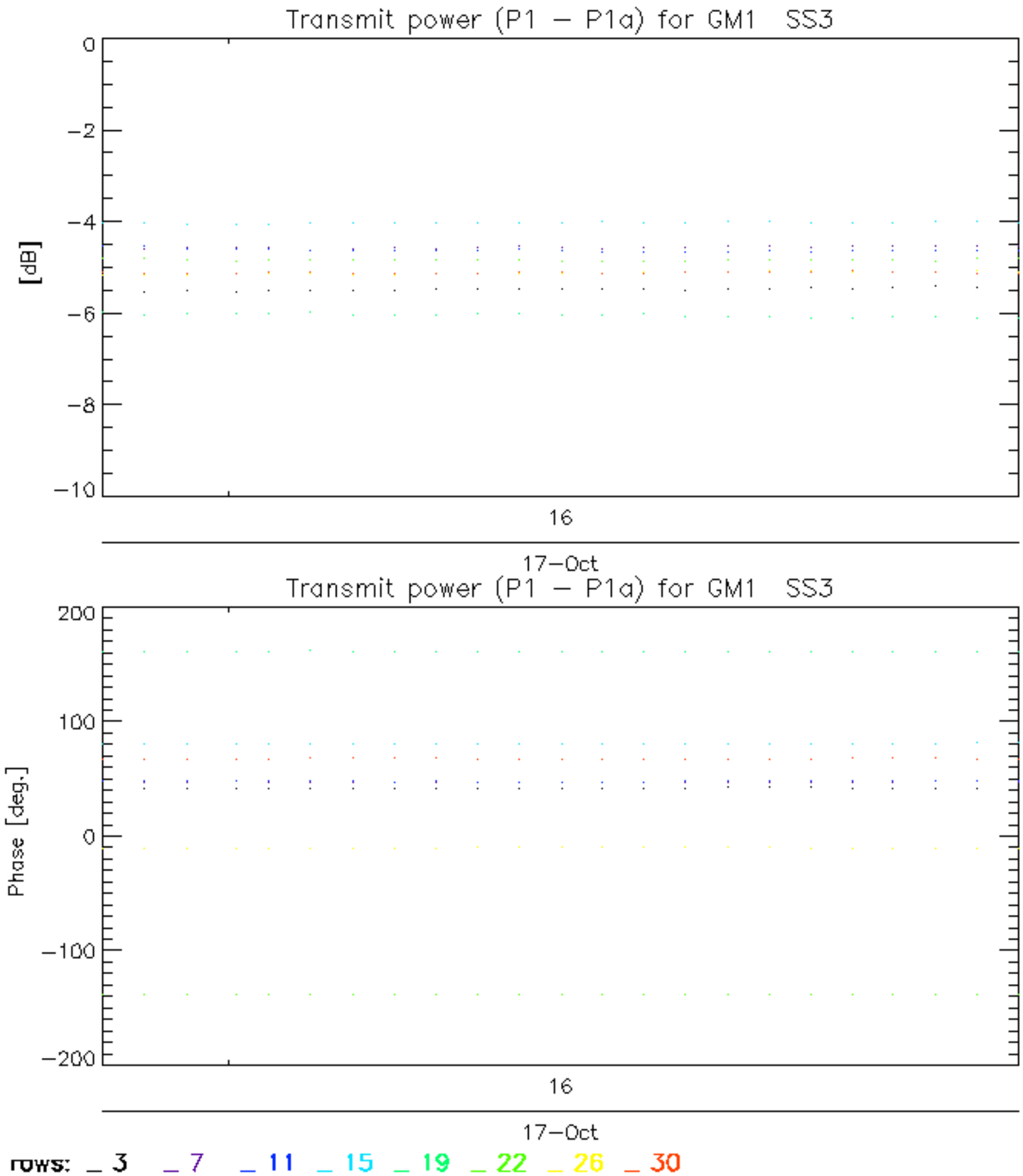
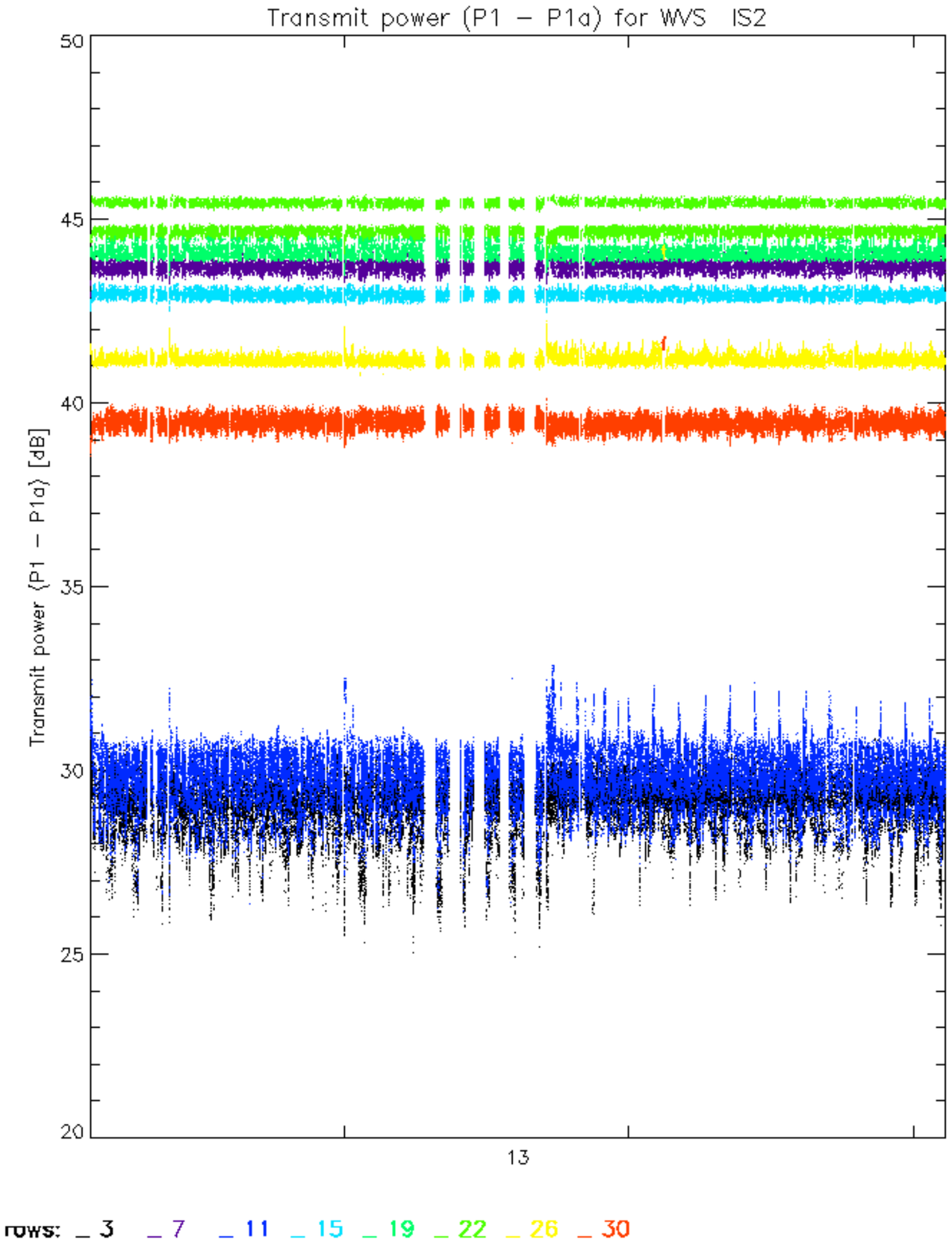
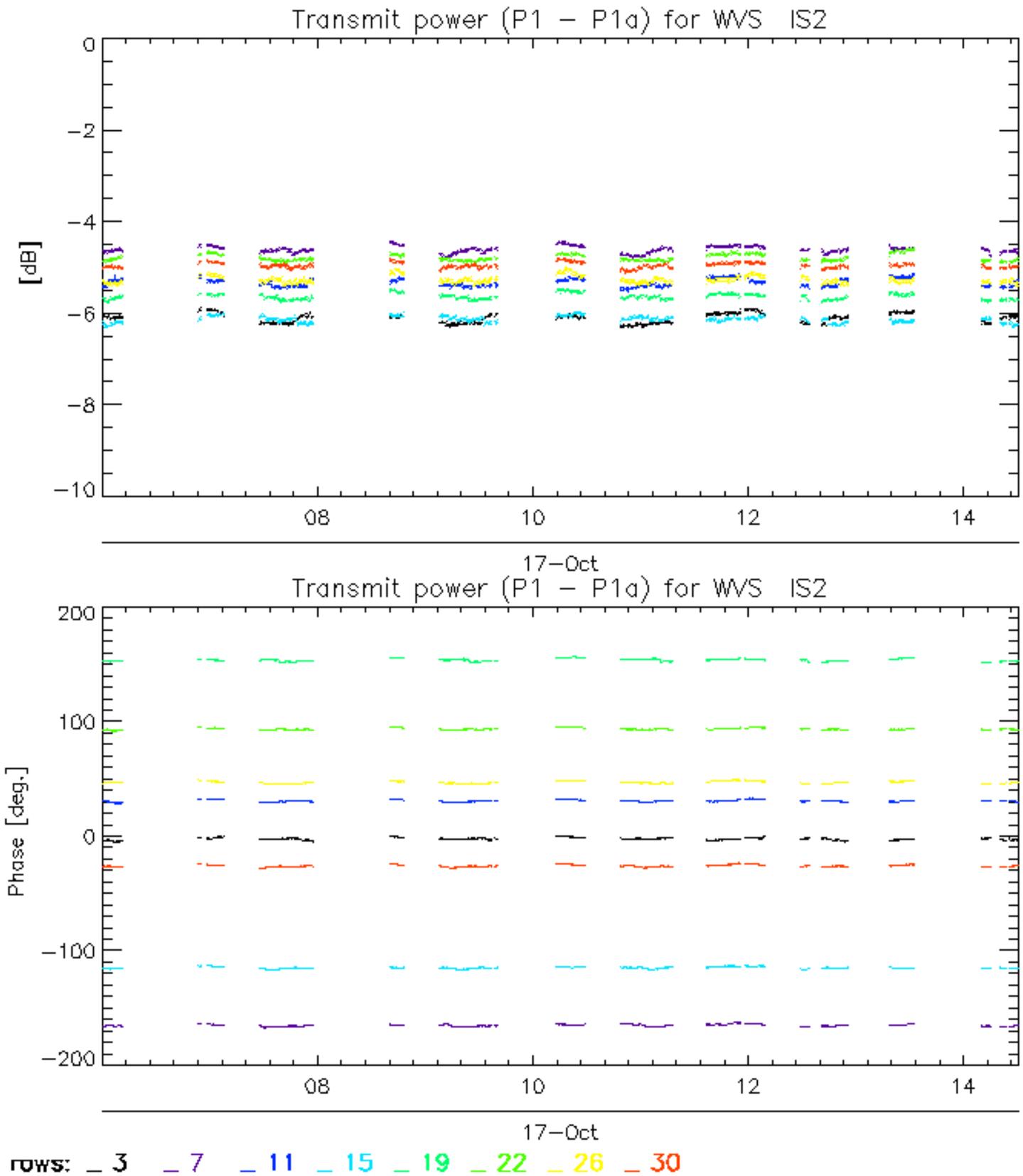

Reference: 2005-09-29 07:47:20 V
Test : 2006-10-17 08:50:33 V
TxPhase
A1
A3
B1
B3
C1
C3
D1
D3
E1
E3
A2
A4
B2
B4
C2
C4
D2
D4
E2
E4


Transmit power (P1 – P1a) for GM1 SS3
Transmit power (P1 – P1a) [dB]
50
45
40
35
30
25
20
15
13
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for GM1 SS3
0
−2
−4
−6
−8
−10
[dB]
16
17−Oct
Transmit power (P1 – P1a) for GM1 SS3
200
100
0
−100
−200
Phase [deg.]
16
17−Oct
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for WVS IS2
Transmit power (P1 – P1a) [dB]
50
45
40
35
30
25
20
13
rows: 3 7 11 15 19 22 26 30


Transmit power (P1 – P1a) for WVS IS2
0
−2
−4
−6
−8
−10
[dB]
08
10
12
14
17−Oct
Transmit power (P1 – P1a) for WVS IS2
200
100
0
−100
−200
Phase [deg.]
08
10
12
14
17−Oct
rows: 3 7 11 15 19 22 26 30

No unavailabilities during the reported period.